MEDICARE HOSPITAL MORTALITY INFORMATION

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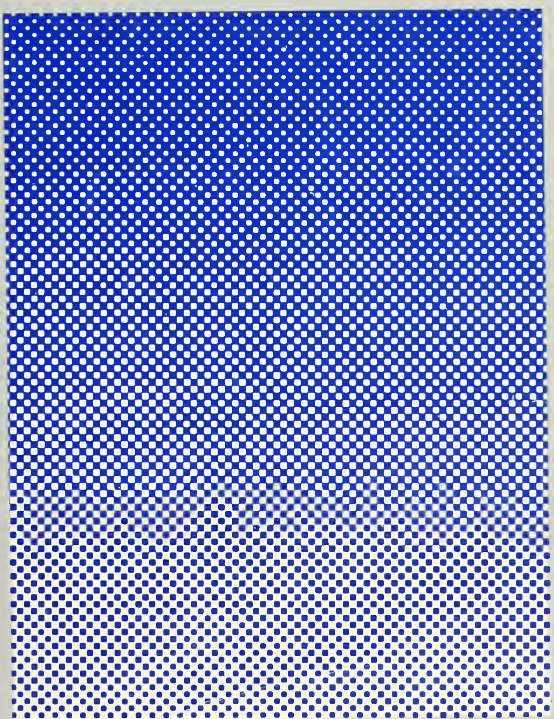

Iowa, Kansas, Missouri, Nebraska

Region VII

U.S. Department of Health and Human Services
Health Care Financing Administration

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MEDICARE HOSPITAL MORTALITY INFORMATION

1987

IOWA, KANSAS, MISSOURI, NEBRASKA

REGION VII

OTIS R. BOWEN, M.D.
SECRETARY
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

WILLIAM L. ROPER, M.D.
ADMINISTRATOR
HEALTH CARE FINANCING ADMINISTRATION

The Health Care Financing Administration (HCFA) was established on March 9, 1977, to combine health financing and quality assurance programs into a single agency. HCFA is responsible for the Medicare program, Federal participation in the Medicaid program, the Peer Review Organization program and a variety of other health care quality assurance programs.

The mission of the Health Care Financing Administration is to ensure the effective administration of our programs in order to promote the timely delivery of appropriate, quality health care to over 56 million of the nation's aged, disabled and poor. The agency must also ensure that beneficiaries are aware of the services for which they are eligible, that those services are accessible and of high quality, and that agency policies and actions promote efficiency and quality within the total health care delivery system.

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TECHNICAL APPENDIX A-1

INTRODUCTION

The nation's Medicare program, which is administered through the Health Care Financing Administration (HCFA) in the Department of Health and Human Services, now has 31 million beneficiaries. One of HCFA's primary responsibilities is to ensure that Medicare beneficiaries receive quality health care. We believe that the publication of the Medicare hospital mortality information contained in this document will contribute to that end.

This particular information release presents information to answer the question: "What is the actual death rate for each hospital compared to what would have been expected for that particular hospital, given what we know of the characteristics of patients admitted?" The statistics are presented in the hope that they will serve the public and the hospitals in their common interest of improving quality of care.

The development of mortality statistics is a complicated and controversial task, since the mortality rate at a given hospital may reflect, among other factors, age, sex, diagnosis, and severity of illness of patients admitted to that hospital, as well as the purpose and quality of the care they received. Characteristics affecting health and the probability of death vary among the patient populations served by individual hospitals. Consequently, the mortality rates in different patient populations will vary.

The usefulness of this information depends upon the accuracy with which mortality rates can be predicted and the stability of these rates over time for each hospital. It is important to understand that the difference between the hospital's mortality rate and the predicted values in the tables contained in this document may not be a direct measure of the quality of care rendered in hospitals. There is one primary reason for this: we do not now have any direct measurement tool with which we can adjust fully for differences among hospitals in how severely ill their patients are. For instance, two hospitals might have very different death rates for patients admitted for stroke, even after we have adjusted for age and sex. This might happen because one hospital's stroke patients consist of a significant number admitted in a coma and are thus more likely to die, whereas another hospital's patient population represents a broader spectrum of patients with cerebrovascular problems, or because these hospitals in fact provide different levels of quality of care. In addition, other factors affecting the probability of death in a particular case (e.g., family status/support) and overall health status are not included in the predictive model because information on them is not readily available.

When properly understood and used, this information can be useful; it can also be very misleading if it is interpreted incorrectly. The information simply describes one of several possible outcomes at a hospital--post admission mortality for Medicare beneficiaries. The information is not necessarily representative of a hospital's total performance in all aspects of patient care, and is best used to view experience in individual hospitals rather than making comparisons among hospitals. Individual hospitals may have very good reasons for their rates being higher than the ranges predicted by HCFA's model. Accordingly, it was important for hospitals to have an opportunity to review their specific information and to provide comments to HCFA and the public. We asked each hospital to prepare its comments on the information being released to the public, and we are including those comments in this publication.

This information is an important contribution to the health care community and should be reviewed by a wide range of individuals and organizations including hospital administrators, Peer Review Organizations, physicians, and researchers. Among these audiences, perhaps the hospital administrator will find the information most useful--as a screening tool and in consulting with medical staff to evaluate a hospital's strengths and weaknesses. In this way, the information should lead to analysis and subsequent actions which will capitalize on areas of strong performance and strengthen areas where improvement is needed. For example, we expect that hospitals and their medical staffs, using established and newly emerging quality assessment techniques, will try to determine what useful information can be derived about their hospitals and how they function.

Consumers should read the explanations of the uses and limitations of the information, as well as any comments a hospital may have provided, and should consider carefully the different roles that different hospitals play in their community. For example, one hospital might have different death rates than another because it serves more severely ill patients or because it is a trauma or emergency center.

The development and presentation of this information continues to be an important part of HCFA's responsibilities in the health care community. Consequently, in making the information as accurate and useful as possible, over the past several years we have discussed the theoretical framework and statistical approach with a number of nationally recognized technical experts in appropriate fields. Based on their recommendations, we continue to believe that the models used in this work are reasonable and appropriate for the intent of the publication.

This year we made three significant changes in the way in which we presented this information:

- First, we are presenting information for 1986 and 1987. The information for 1986 may be somewhat different from that published last December, since it is based on this year's methodology.

- Second, we are including information about each hospital, such as bed size and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA's) 1987 Annual Survey of Hospitals files or, where such information was not available from the AHA file, HCFA's Medicare/Medicaid Automated Certification System (MMACS) files.

- Third, instead of arranging the hospital mortality information and comments alphabetically by State, we have arranged the States regionally according to HCFA's 10 regional offices.

During our discussions with the experts, it was further recommended that we concentrate our efforts this year on validation of the data. Therefore, we have undertaken the following validation studies targeted to coincide with this year's release of the Hospital Mortality Information:

- HCFA is engaged in a statistical evaluation of the Hospital Mortality Information using clinical data abstracted by MediQual Systems, Inc. from over 40,000 medical records from a carefully selected sample of hospitals. The data consist of clinical characteristics of Medicare patients as ascertained in the first 48 hours of hospitalization, and include data from the patient history and preadmission findings, to permit assessment of the severity of illness at admission and its impact upon mortality. The validation consists of a comparison of the results of the mortality rate analyses with and without the adjustments for patient severity permitted by the specially obtained clinical data. This will allow conclusions about the extent to which patient severity impacts the mortality rates. Hospitals which participated in this study have done so voluntarily. HCFA has shared hospital specific results with each facility from which medical records were abstracted.

- We will be comparing results of the mortality rate analyses with the results found by all Peer Review Organizations (PROs) in applying HCFA's Generic Quality Screens to cases reviewed as a part of ongoing PRO review activities. The purpose of this particular validation effort is to determine the extent to which an alternative presumed measure of quality of care correlates with mortality rates.

In addition, the format for presentation, the process for sharing the information with individual hospitals, and the statistical methodology have been discussed at various meetings with leaders of organizations representing Medicare beneficiaries, physicians, and hospitals. Also, we have spent many months reviewing the comments received from the hospitals during the past 2 years regarding their patient-specific data and our mortality information publication.

Many suggestions from these sources have been incorporated into the final publication. For example, following the release, we examined a limited number of cases in which hospitals advised us that an individual shown as deceased on HCFA's records was in fact alive. An analysis of specific cases confirmed that there was a report of a date of death in the HCFA data base at the time the Medicare hospital mortality information was being analyzed. In most cases, we found that the source of the date of death in the record was the hospital inpatient bill provided by the facility. For example, the HCFA records showed that a bill submitted by Hospital "X" for an inpatient stay for a patient ending February 12, 1986 indicated the patient status at time of discharge as "Expired." This bill was processed on April 8, 1986 and served as part of the HCFA data base at the time we prepared the release of hospital mortality information. (For Medicare hospital mortality analyses, we used the Medicare billing records received for the June update of the MEDPAR file.) In July 1987, a bill was processed by HCFA for a subsequent hospital stay for this beneficiary and as a result we removed the date of death from our records. Unfortunately, this subsequent information was obtained too late to be included in the final information release. Although this type of billing problem was minimal on a national basis, we hope that an indirect byproduct of this process will be improved accuracy in coding and billing procedures.

The publication of Medicare Hospital Mortality Information is an ongoing process at HCFA. We are continuing to do everything we can to make this information more useful to both the public and the health care professions. We are refining ways to use the information as a screening tool for "quality of care" purposes, and we are developing tools to adjust for differences in disease severity. Thus, this year we provided hospitals with information on the Medicare Mortality Predictor System (MMPS) which is designed to help hospitals interpret the mortality rates of their patients. In addition, because we recognize that mortality rates alone do not adequately measure how effectively a hospital cares for its patients, we will be developing other measures of outcome, such as the need for medical treatment after discharge, to assess the performance of hospitals more fully.

Just as we made improvements in the methodology used last year, we expect that when the 1989 release is published, it, too, will reflect progress toward more accurate and useful information for hospitals, physicians, and consumers alike. This will contribute to assessment of and improvement in the effectiveness of medical services.

William L. Roper M D.

William L. Roper, M.D.
Administrator

DESCRIPTION OF MORTALITY INFORMATION

Before reading the tables containing the hospital-specific information and the comments provided by individual hospitals, the reader will find it useful to understand the format and presentation of the information in this document.

The analyses of the mortality rates associated with hospitalizations in 1987 are very similar to those carried out last year on Medicare hospitalizations which occurred in 1986. Only one hospitalization for every patient was used--the last hospitalization with a discharge in calendar year 1987. The event evaluated was death within 30 days of admission to the hospital.

For each hospital, information is presented for overall Medicare patient mortality and each of 16 diagnostic categories. The information consists of the number of Medicare patients, the actual mortality rate, and a range of predicted mortality, given the mix of patients.

The reader should note three significant changes in the way the information is organized in this year's publication:

- First, we are presenting information for 1986 and 1987. The information for 1986 may be somewhat different from that published last December, since it is based on the revised methodology discussed below.
- Second, we are including information about each hospital, such as bed size and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA's) 1987 Annual Survey of Hospitals files or, where such information was not available from the AHA file, HCFA's Medicare/Medicaid Automated Certification System (MMACS) files. These hospital characteristics are found at the bottom of each hospital summary page containing the 1986 and 1987 mortality rates and ranges. A more detailed discussion of the hospital characteristics can be found in the section entitled "Hospital Characteristics Definitions."
- Third, instead of arranging the hospital mortality information and comments alphabetically by State, we have arranged the States regionally according to HCFA's 10 regional offices. Thus, the hospital information and comments are arranged alphabetically by State within each State's respective regional volume. A complete listing of States by region (and volume) can be found at Table 1.

Before reviewing the summary table for your hospital, it would be helpful to describe how the numbers were derived and what they mean:

- Number of Cases. This figure is the number of individual Medicare beneficiaries whose last discharge from a short term, acute care hospital in a calendar year was from the hospital listed. The total number for each hospital is presented under the category "all cases."

Similarly, for each diagnostic category, the number of cases consists of the number of Medicare beneficiaries whose last discharge in the calendar year was from the hospital cited and whose principal diagnosis at admission fell within the specific diagnostic category.

Since only a patient's last hospital discharge (including death occurring in a hospital) is "counted" in the total number, HCFA's computation and that maintained by individual hospitals will generally differ. For example, if John Doe was a patient at Hospital A three times during 1987, the methodology used in HCFA's analysis counts only the last discharge in 1987 in the hospital's total. Normally, a hospital maintains statistics regarding each of its admissions and so would count Mr. Doe as three cases. In addition, in this example, if Mr. Doe were admitted later in the year to Hospital B (another acute care hospital) and then discharged in 1987, and this latter stay represented his last discharge for 1987, his case would be counted in Hospital B's total and he would not appear at all in Hospital A's count.

The key factor to remember is that we are examining last hospital discharges in 1987. In some cases, this will necessitate the inclusion of certain patients admitted to the hospital in 1986 or who died in January 1988.

- Actual Mortality Rate. This figure presents the percentage of each hospital's Medicare patients who died within 30 days of the admission that resulted in the last-occurring discharge of the patient in 1987. (The percentage is rounded to the nearest whole percentage point.)

  Where, for example, Hospital A had a universe of 1000 patients whose last acute care hospital discharge in 1987 was from Hospital A, and 100 of these patients died within 30 days of their admission, whether as hospital inpatients or after discharge, the actual mortality rate would be 10 percent. This rate includes cases in which a beneficiary was admitted to the hospital in 1986 and was discharged in 1987. It also includes those instances in which a beneficiary was discharged in 1987 and died within 30 days of admission, even though the 30-day period extends into 1988. Cases in which the beneficiary was not discharged in 1987 are not part of the rate. For example, a person who was admitted to a hospital on December 28, 1987, discharged on January 5, 1988 and died on January 8, 1988 would not be a part of the calculation, even though that person died within 30 days of a 1987 admission.

- Range for Predicted Mortality. This column gives an estimate of mortality rates for cases equal in number and with the average characteristics of the cases treated by the hospital. The range is derived in part by determining, based on national experience, the contribution to the probability of dying associated with various patient characteristics: the number of high, low, and undefined risk hospital admissions in the previous six months, transfer status, age, sex, and presence of up to four of eight possible comorbid conditions--cancer, chronic cardiovascular disease, cerebrovascular degeneration/chronic psychosis, chronic pulmonary disease, chronic renal disease, chronic liver disease, diabetes, hypertensive disease--and by applying weights of the risk factors to the actual number of patients at the hospital to enable compilation of an expected mortality rate. This rate is converted, with adjustment for the variability expected given the number of cases, to a range of predicted mortality rates. It is important to note that the fewer the number of cases included in a given diagnostic category, the greater the uncertainty of the expected mortality range and, therefore, the wider the range. A larger number of cases yields greater precision, and therefore, a more narrow range of predicted mortality rates.

The principal source of data for the analysis was the HCFA Medicare Provider Analysis and Review (MEDPAR) file which contains information about each Medicare hospital discharge. Information about beneficiaries, including date of death, was obtained from the Social Security Administration.

The analyses were performed by means of logistic regression, with patients grouped into 17 distinct diagnostic categories: ten high risk and six low risk and one category containing all others. Similar to last year, the risk factors (covariates) included in the regression analyses within each diagnostic category were age, sex, significant comorbidities, number of admissions by risk category within 6 months, and status as a transfer patient. However, in response to comments on last year's definition of the diagnostic categories, the present categories are more risk-homogeneous. That is, the mortality rates associated with the ICD-9-CM codes for the principal diagnoses were evaluated and were used to determine whether a code should be placed in the high risk, the low risk, or the "undefined" category. Consequently, while the diagnostic categories still follow medical disciplinary lines, the range of mortality rates in each diagnostic category is more restricted. The net result is that the 16 specifically defined categories now account for about 65 percent of the patients, compared to 70 percent last year, and for about 72 percent of deaths, compared to 80 percent last year. A list of the ICD-9-CM codes used in each diagnostic category is attached in Table 2 and the list of the comorbidities is attached in Table 3. In the process of making these adjustments in the diagnostic categories, we have also modified the names of five categories to reflect more accurately their composition. These changes are: Neuropsychiatric/Sensory Disease (formerly Opthalmologic Disease), Musculoskeletal/Skin Conditions (formerly Orthopedic Disorders), Renal Failure (formerly Renal Disease), Infectious Disease (formerly Sepsis) and Cerebrovascular Accidents (formerly Stroke).

HOSPITAL COMMENTS

On September 15, 1988, HCFA mailed to each hospital its own mortality information and asked for comments by October 24, 1988. Each hospital's comments, if any, immediately follow its mortality information. The comments are generally reproduced as submitted by the hospital. However, some hospitals returned to HCFA an annotated copy of the information sent on September 15. These annotated materials have not been reproduced in this publication.

even in those instances where they were the only form of comments submitted by a hospital. The reason for not printing these materials is one of privacy or because it would result in duplication of characteristics already corrected by HCFA. Information which would identify or possibly identify patients must be deleted, which would cause any remaining information to be of extremely limited, if any, use. Therefore, we have included a statement to identify instances when these types of materials have not been included. Other hospitals submitted comments that were more lengthy than those which we specified in our September 15 letter would be permitted and, therefore, were edited. As mentioned earlier, it is extremely important that the information presented in the tables be reviewed in concert with the hospital's comments.

In any project of this size, there will be instances where hospitals did not receive the information for comment or did not receive it timely. In fact, many hospitals were sent second copies of their specific information in an expeditious manner to allow every opportunity for review and comment. Therefore, even though it is possible that some of the nonresponding facilities never got the information or did not have adequate time to comment, we expect that these instances were few in number.

INFORMATION SOURCES AND NOTES

It is important to note that this publication is based primarily on Medicare hospital billing information for calendar years 1985, 1986, and 1987. While the principal source for the analysis was the HCFA-maintained MEDPAR file which contains information about each Medicare hospitalization, some of the information about beneficiaries, such as date of death, was obtained from the Social Security Administration. Hospitals submit such information to HCFA's fiscal intermediaries (which handle claims for the care provided to Medicare beneficiaries). The file is updated quarterly. It is estimated that billing information on approximately 95 percent of all Medicare discharges is included in the MEDPAR file within 6 months of the close of the calendar year. Accordingly, our analysis was based on information received through June 10, 1988.

In any large-scale data base such as one dealing with Medicare hospitalizations, there will be gaps or inaccuracies. The fact that the files contain information on about 10 million hospital admissions to nearly 6,000 hospitals for each year provides some assurance that, for purposes of the statistical analysis conducted here, the information which might be missing or inaccurate is such a small portion of the total that it would have almost no impact on the results.

Nonetheless, while we feel that the information used in this analysis is quite thorough and complete, there are a few points which should be kept in mind as the hospital-specific information is being reviewed:

- o The information used is billing data and is only as good as the information submitted by hospitals as a part of the payment process. Although there is always a possibility that coding errors are included, for our purposes here, it is assumed that, given the link to payment, hospitals have an incentive to submit bills accurately and promptly.

- The hospitals included in this analysis are short-term, acute care facilities which were identified by their unique provider number. All facilities which have a zero in the third position of their provider number are by definition participating in Medicare as short-term, acute care facilities. All other facilities--those with something other than a zero in the third position of the provider number--were excluded from the analysis. In some cases, hospital names suggest an orientation different from acute care. This does not mean the facility is inappropriately included in the publication.

- There is some information in the file which does not reflect the results of review by Peer Review Organizations (PROs), the entities charged with reviewing hospital services provided to Medicare beneficiaries. For example, one of the functions a PRO performs is to ensure that the diagnosis assigned to a particular case is accurate. The nature of the review and payment system is such that it is possible that PRO changes in diagnosis assignment may not be submitted to HCFA and associated in the MEDPAR file on as timely a basis as other billing information. Obviously, any major changes in diagnosis assignment which are not reflected in the data base would have a bearing on calculation of mortality rates in individual diagnostic categories and may also have a bearing on comorbidities. Some hospitals pointed out instances where the hospital's mortality information did not agree with HCFA's; e.g., different date of death, cases of subsequent admission to another facility, or changes in diagnostic codes. The data base used in this analysis has not been revised to reflect these potential discrepancies. Rather, we are examining all hospital comments to ensure that changes to our data systems and processes can be made when warranted so that future releases will be even more accurate. Readers are urged to review any hospital comments with a specific view toward these types of issues.

- The predictive model used in this effort does not explain all variability in outcome. Most notably, a measure of severity of illness has not been included in the model, and, therefore, the predictive power of the model is less precise than it would be if such a measure had been available. Nonetheless, the information included in this document does legitimately contribute to the body of information about hospital performance.

HOSPITAL CHARACTERISTICS DEFINITIONS

In this year's publication, we have included hospital characteristics information such as bed size, occupancy rate, ownership, staffing, and specialty services. This information was obtained from the American Hospital Association (AHA) 1987 Annual Survey of Hospital Files. Where hospitals did not provide information on a particular item, it has been listed as "not available." This file consists of information voluntarily reported by hospitals to the AHA. In instances where the AHA records contained no information about a hospital included in the analysis, we have presented the most recent information from HCFA's Medicare/Medicaid Automated Certification System (MMACS) Files.

Following are the AHA's definitions of each characteristic found on the hospital's summary page containing the 1986 and 1987 mortality rates and ranges.

SURVEY AND YEAR: AHA 1987	Source = American Hospital Association 1987 Annual Survey of Hospital Files
o Total beds (#):	Number of beds (including sub-acute beds), cribs, and pediatric and neonatal bassinets regularly maintained (set up and staffed for use) for inpatients as of the close of the reporting period; does not include bassinets for normal newborn infants.
o Occupancy rate (%):	Ratio of average daily census to the average number of beds (statistical beds) maintained during the 12-month reporting period. (NOTE: The number of these "statistical beds" may differ from the bed count at the close of the reporting period.)
o Ownership/control:	State government, local government, district/authority, church, private nonprofit, private for profit, or Federal Government
STAFFING:	
o Total number of physicians:	Total active and associate medical staff
o Percent of Board-Certified Specialists	Physicians who have passed an examination given by a medical specialty board and have been certified by that board as a specialist.
o Interns and residents:	Full-time equivalent (FTE) medical residents
o Registered nurses:	Full-time equivalent (FTE) registered nurses
o Licensed practical nurses:	Full-time equivalent (FTE) licensed practical nurses

SPECIALTY SERVICES:

o Shock/trauma unit:	Provides emergency and specialized intensive care to critically injured patients.
o Burn unit:	Provides more intensive care to severely burned patients than the usual acute nursing care provided in medical and surgical units. Beds must be set up and staffed in a unit specifically designated for this service.
o Medical/surgical intensive care:	Provides nursing care to adult and/ or pediatric patients of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Included are medical-surgical, pediatric, and psychiatric (isolation) units. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment for patients who, because of shock, trauma, or life-threatening condi- tions, require intensified, compre- hensive observation and care. These units may also include cardiac care when such services are not provided in a distinct cardiac care unit.
o Cardiac intensive care:	Provides patient care of a more specialized nature than the usual medical and surgical care, on the basis of physicians' orders and approved nursing care plans. The unit is staffed with specially trained nursing personnel and contains monitoring and specialized support or treatment equipment for patients who, because of heart seizure, open-heart surgery, or other life-threatening conditions, require intensified, comprehensive observation and care. May include myocardial infarction, pulmonary care, and heart transplant units. Beds must be set up and staffed in a unit(s) specifically designated for this service.

o	Organ transplant service	The necessary staff and equipment to perform the surgical removal of a viable human organ (including kidney) from a donor, either alive or just deceased, and the surgical grafting of the organ to a suitably evaluated and prepared patient.
o	Hospice care:	A program providing palliative care, chiefly medical relief of pain and supportive services, to terminally ill patients and assistance to their families in adjusting to the patient's illness and death.

NOTE: Inquiries regarding the AHA data or requests for additional AHA data must be directed to the Director of the American Hospital Association's Hospital Data Center at (312) 280-6000.

Following are HCFA's Medicare/Medicaid Automated Certification System (MMACS) definitions of each characteristic found on the hospital's summary page containing the 1986 and 1987 mortality rates and ranges. Please note that there are no specific definitions of the specialty services in MMACS, and the characteristics that appear are those reported by the hospital.

SURVEY AND YEAR: HCFA 19_		Source = Health Care Financing Administration MMACS Files
o	Total beds (#):	Total number of operational beds eligible for Medicare reimbursement.
o	Ownership/control:	Church; private; Federal, State, local government, or hospital district or authority; proprietary.
STAFFING:		
o	Interns and residents:	Full-time equivalent (FTE) medical residents
o	Registered nurses:	Full-time equivalent (FTE) registered nurses
o	Licensed practical nurses:	Full-time equivalent (FTE) licensed practical nurses

o	Organ transplant service:	The necessary staff and equipment to perform the surgical removal of a viable human organ (including kidney) from a donor, either alive or just deceased, and the surgical grafting of the organ to a suitably evaluated and prepared patient.
o	Hospice care:	A program providing palliative care, chiefly medical relief of pain and supportive services, to terminally ill patients and assistance to their families in adjusting to the patient's illness and death.

Table 1

STATES BY REGION	LOCATION OF HCFA REGIONAL OFFICE
Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	Boston(I)
New Jersey New York Puerto Rico Virgin Islands	New York(II)
Delaware District of Columbia Maryland Pennsylvania Virginia West Virginia	Philadelphia(III)
Alabama Florida Georgia Kentucky Mississippi North Carolina South Carolina Tennessee	Atlanta(IV)
Illinois Indiana Michigan Minnesota Ohio Wisconsin	Chicago (V)
Arkansas Louisiana New Mexico Oklahoma Texas	Dallas (VI)

Table 1 (Cont.)

STATES BY REGION	LOCATION OF HCFA REGIONAL OFFICE
Iowa	Kansas City(VII)
Kansas	
Missouri	
Nebraska	
Colorado	Denver(VIII)
Montana	
North Dakota	
South Dakota	
Utah	
Wyoming	
American Samoa/Guam	San Francisco(IX)
Arizona	
California	
Hawaii	
Nevada	
Alaska	Seattle(X)
Idaho	
Oregon	
Washington	

Table 2

DIAGNOSTIC CATEGORY	ICD-9-CM CODES
High Risk	
Cancer	141, 147, 150-151, 156-159, 162.2-164, 171.5, 171.8, 171.9, 172.8, 179, 180.9 183, 189.0, 191, 192.2, 195, 196.1-196.2, 196.8, 197.0-197.2, 197.4-197.8, 198.0- 198.1, 198.3-198.8, 199-208
Cerebrovascular Accidents	430-432, 433.0, 434, 436
Severe Acute Heart Disease	410, 415, 421.0, 421.9, 423.0-423.2, 427.4-427.5, 441.0, 441.1, 441.3, 441.5, 444.1, 447.2, 785.5
Severe Chronic Heart Disease	397, 398.91, 416, 425.0, 425.2-425.4, 426.89, 428, 429.5-429.9, 441.2, 442.2, 453.2
Gastrointestinal Catastrophes	452, 453.0, 456.0, 456.20, 530.4, 530.8, 531.1-531.2, 531.5-531.6, 532.1-532.2, 532.5-532.6, 533.1-533.2, 533.5-533.6, 534.1-534.2, 534.5-534.6, 551, 557.0, 558.2, 560.0, 560.2, 560.89, 567, 569.83, 570, 571.2, 571.5-571.6, 572.2-572.4, 572.8
Metabolic/ Electrolyte Disorders	250.2-250.3, 260-263, 273, 275.4, 276.0, 276.2, 276.4-276.5, 277.3
Pulmonary Disease	481, 482.0-482.1, 482.3-482.9, 485-486, 500-505, 507, 508.0, 510, 511.1-511.9, 512-516.0, 518.0-518.1, 518.4, 518.5, 519.2-519.3
Renal Failure	584-586
Infectious Disease	018, 027.0, 036, 038, 040, 046-048, 049.0-049.1, 054, 060, 070.0, 070.2, 070.4, 070.6, 112, 116-117, 136.3, 320-320.7
Severe Trauma	806.0-806.1, 807.4, 851-853, 861.0-861.1, 861.3, 864, 868-869, 875.1, 901-902, 933.1, 934, 946.3-946.5, 948.4-948.9, 958.4

Table 2 (cont.)

DIAGNOSTIC CATEGORY	ICD-9-CM CODES
Low-Risk	
Neuropsychiatric/Sensory Disease	290-292, 293.1-293.9, 294-309, 311-319, 331.1-331.9, (excluding 331.7), 332-334 (excluding 334.4), 337 (excluding 337.1), 340, 342-343, 344.2-344.9, 345.0-345.2, 345.4-345.9, 346-347, 348.0, 350-358 (excluding 357.1-357.4 and 358.1), 360-389
Gynecologic Disease	614-627 (excluding 619.1)
Low-Risk Heart Disease	390, 393, 401, 402.00, 402.10, 402.90, 405, 411.1-411.8, 413-414, 417, 420.9, 422.9, 425.1, 426.1-426.7, 426.81, 427.0, 427.2-427.3, 427.6, 427.8-427.9, 429.4, 433.1-433.9, 435, 437.2, 442.0-442.1, 442.3-442.9, 447.0-447.1, 447.3-447.9, 448, 451, 453.1, 453.8-453.9, 454-455, 456.3-456.6, 457.0-457.1, 457.9, 458.0
Gastrointestinal Disease	520-527, 528.2, 528.4-528.9, 529, 530.0-530.3, 530.5-530.7, 530.9, 531.3, 531.7-531.9, 532.3, 532.7-532.9, 533.3, 533.7-533.9, 534.3, 534.7-534.9, 535-536, 537.1-537.2, 537.5-537.6, 537.81, 537.9, 540-543, 550, 552, 558.1, 558.9, 562-566, 568, 569.0-569.2, 569.4-569.6, 569.9, 571.8-571.9, 574.00, 574.10, 574.20, 574.30, 574.40, 574.50, 575.0-575.3, 575.5-575.6, 575.9, 576.0, 576.9, 577.1, 577.9, 579
Urologic Disease	582-583, 588-589, 590.1, 590.8-590.9, 592, 594-595, 596.0, 596.2-596.5, 596.7-596.9, 597-598, 599.1-599.9, 600-606, 607.0-607.1, 607.3-607.9, 608.0-608.3, 608.8-608.9

Table 2 (cont.)

DIAGNOSTIC CATEGORY	ICD-9-CM CODES
Musculoskeletal/Skin Conditions	680-686, 690-698, 700-706, 707.1-707.9, 708-709, 710.0, 710.2-710.9, 714.0-714.4, 714.89, 714.9, 715-744, 746-758, 800.0, 800.5, 801.0, 801.5, 802, 805, 806.2-806.9, 807.00-807.06, 807.1-807.3, 807.5-807.6, 808-819, 822-838, 839.1-839.9, 840-848, 850, 854.00-854.04, 854.06-854.09, 861.2, 862, 867.1, 867.3-867.9, 870-874, 875.0, 876-887, 890-897, 905-929

The number of digits in the code indicated is important in identifying the included diagnoses. If a 3 digit code is given, all diagnoses with the first three digits indicated are included. Thus, if there is a 4th and 5th digit subclassification for the code, diagnoses with these 4th and 5th digits are included.

If a 4 digit code is given, all diagnoses with the first four digits indicated are included. Additionally, if there is a 5th digit subclassification for the code, the diagnoses with the first four digits indicated and any of the 5th digits are included. Codes specified to the 5th digit were defined with greater clinical detail and include only that diagnosis.

Where a range of codes are specified (such as 290-292) all diagnoses through 292 are included. The rules for interpreting what is included in the 3 digit code of 292 are indicated above.

Table 3

COMORBIDITY	ICD-9-CM CODES
Cancer	141-160.9, 162-172.9, 174-208.9
Chronic Liver Disease	571-572.8
Chronic Renal Disease	582-583.9, 585-587
Chronic Cardiovascular Disease	412-414.9, 426-429.1
Chronic Pulmonary Disease	491-493.9, 496
Cerebrovascular Degeneration/ Chronic Psychosis	290-290.9, 294-299.9
Hypertensive Disease	402-405.99
Diabetes	250.01, 250.1-250.9

(A comorbidity is taken to be present if its ICD-9-CM code appears on the bill as any one of the up to four additional diagnoses beyond the principal diagnosis.)

ADAIR CO MEM HOSP

609 SE KENT
GREENFIELD, IA 50849

Medicare Hospital Provider Number: 160070

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	137	18	8 - 22	150	22	8 - 22
Cancer	3	33	14 - 96	3	67	9 - 89
Cerebrovascular Accidents	6	67	5 - 73	5	40	3 - 77
Gastrointestinal Catastrophes	0	-	-	2	50	6 - 94
Infectious Disease	0	-	-	1	0	1 - 97
Metabolic/Electrolyte Disorders	1	100	0 - 98	2	100	5 - 89
Pulmonary Disease	12	25	9 - 58	11	36	8 - 62
Renal Failure	1	100	3 - 98	1	0	0 - 98
Severe Acute Heart Disease	4	50	8 - 84	7	43	15 - 78
Severe Chronic Heart Disease	7	57	7 - 72	12	50	4 - 60
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	18	6	0 - 75	10	0	0 -100
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	17	0	0 - 35	18	6	0 - 85
Musculoskeletal/Skin Conditions	17	12	0 - 79	12	8	0 -100
Neuropsychiatric/Sensory Disease	4	0	0 -100	5	0	0 -100
Urologic Disease	4	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	31
Occupancy Rate (%):	23
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ALLEN MEM HOSP

1825 LOGAN AVE
WATERLOO, IA 50703

Medicare Hospital Provider Number: 160110

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,291	9	8 - 12	2,201	10	9 - 13
Cancer	51	41	23 - 52	55	35	25 - 53
Cerebrovascular Accidents	86	20	16 - 35	72	22	18 - 39
Gastrointestinal Catastrophes	15	53	17 - 67	10	40	13 - 70
Infectious Disease	16	6	20 - 53	12	25	13 - 63
Metabolic/Electrolyte Disorders	27	19	13 - 48	17	18	12 - 52
Pulmonary Disease	75	19	15 - 35	74	23	17 - 39
Renal Failure	4	50	5 - 84	5	20	8 - 80
Severe Acute Heart Disease	103	37	25 - 46	103	37	31 - 51
Severe Chronic Heart Disease	109	26	15 - 33	106	23	16 - 34
Severe Trauma	6	33	3 - 74	5	20	2 - 76
Gastrointestinal Disease	177	5	1 - 10	182	3	1 - 8
Gynecologic Disease	13	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	343	4	2 - 7	365	3	2 - 6
Musculoskeletal/Skin Conditions	333	2	1 - 5	302	4	1 - 7
Neuropsychiatric/Sensory Disease	52	4	0 - 24	63	2	0 - 18
Urologic Disease	127	1	0 - 9	109	3	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	206
Occupancy Rate (%):	73
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	79
Percent of Physicians Who Are Board Certified Specialists:	71
Interns and Residents:	0
Registered Nurses:	219
Licensed Practical Nurses:	38

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Allen Memorial Hospital

Larry W. Pugh
President

October 10, 1988

Attention: Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

Please note the enclosed corrections to the Hospital Characteristics section of the Medicare Hospital Mortality Information report.

In reviewing our AHA report on number of beds, we note that only the number of general medical/surgical beds was used for the Medicare Hospital Mortality Information. This number is far below the actual number of beds we are licensed for. We are licensed for 220 acute care beds and 20 skilled nursing beds. The number of beds reported on the AHA report reflects the number of beds set up and staffed on a specific date. This number would be variable given different dates.

We do have a coronary care unit as we have an open heart program, but do not perform organ transplants. We also do provide hospice care.

Yours sincerely,

Larry W. Pugh

Larry W. Pugh

Enclosures

LWP/jg

ANAMOSA COMM HOSP

104 BROADWAY PLACE
ANAMOSA, IA 52205

Medicare Hospital Provider Number: 160103

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	177	11	7 - 17	208	17	9 - 20
Cancer	2	100	6 - 90	5	60	15 - 85
Cerebrovascular Accidents	11	9	8 - 50	8	25	5 - 65
Gastrointestinal Catastrophes	1	100	2 - 97	0	-	-
Infectious Disease	2	0	1 - 90	0	-	-
Metabolic/Electrolyte Disorders	3	0	7 - 80	1	0	0 - 98
Pulmonary Disease	13	31	8 - 57	18	33	8 - 52
Renal Failure	1	100	3 - 98	3	67	12 - 95
Severe Acute Heart Disease	3	33	6 - 87	12	67	21 - 71
Severe Chronic Heart Disease	9	22	6 - 61	13	8	8 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	11	0 -100	17	6	0 - 49
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	28	4	0 - 53	29	3	0 - 30
Musculoskeletal/Skin Conditions	26	4	0 - 79	20	5	0 - 59
Neuropsychiatric/Sensory Disease	5	0	0 -100	12	8	0 - 93
Urologic Disease	0	-	-	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 28
Occupancy Rate (%): 36
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 64
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: 0
Registered Nurses: 13
Licensed Practical Nurses: 4

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

AUDUBON CO MEM HOSP

515 PACIFIC
AUDUBON, IA 50025

Medicare Hospital Provider Number: 160098

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	130	17	10 - 24	110	15	7 - 22
Cancer	1	100	0 - 97	1	100	1 - 97
Cerebrovascular Accidents	17	24	13 - 54	5	0	10 - 66
Gastrointestinal Catastrophes	3	100	4 - 79	0	-	-
Infectious Disease	0	-	-	1	100	3 - 98
Metabolic/Electrolyte Disorders	4	25	3 - 80	1	100	2 - 97
Pulmonary Disease	16	25	9 - 53	12	17	5 - 52
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	7	29	19 - 80	5	0	18 - 73
Severe Chronic Heart Disease	6	50	4 - 74	6	0	2 - 59
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 - 97	5	0	0 - 99
Gynecologic Disease	3	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	20	0	0 - 33	14	21	0 - 99
Musculoskeletal/Skin Conditions	6	0	0 -100	7	14	0 - 95
Neuropsychiatric/Sensory Disease	2	0	0 -100	4	0	0 -100
Urologic Disease	7	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	29
Occupancy Rate (%):	21
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Audubon County Memorial Hospital

515 Pacific Street Audubon, IA 50025
Phone 712-563-2611

10-20-88 Medicare Provider # 160098

PATIENT SPECIFIC INFORMATION

Gastrointestinal Catastrophies

[redacted] 88 year old LOS-1 day

Acute perforated Duodenal Ulcer
Anethesia complications
Diabetes Mellitus, Steroid Induced
"Inoperable" Brain Tumor

The patient died in the operating room prior to any incision. In the surgeons consultation, he states that he feels "that this patient is going to go ahead and die, whether he is operated on or not." Because of the severe pain the patient's family wanted the operation to be carried out and the surgeon accepted that "with the understanding that he (the patient) probably would not survive surgery."

BAUM HARMON MEM HOSP

361 13TH ST
PRIMGHAR, IA 51245

Medicare Hospital Provider Number: 160151

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	181	13	12 - 22	161	17	11 - 24
Cancer	4	75	13 - 86	2	100	10 - 93
Cerebrovascular Accidents	15	27	12 - 56	8	25	9 - 67
Gastrointestinal Catastrophes	1	100	1 - 97	1	100	1 -100
Infectious Disease	3	0	3 - 79	5	40	9 - 80
Metabolic/Electrolyte Disorders	1	0	0 -100	3	0	7 - 80
Pulmonary Disease	17	12	15 - 50	18	28	10 - 52
Renal Failure	1	100	3 - 99	5	0	17 - 80
Severe Acute Heart Disease	11	27	13 - 64	4	50	8 - 84
Severe Chronic Heart Disease	11	27	8 - 60	12	17	8 - 54
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	16	6	0 - 60	19	0	0 - 66
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	25	0	0 - 23	15	0	0 - 40
Musculoskeletal/Skin Conditions	15	0	1 - 37	9	11	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	5	0	0 - 91
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 19
Occupancy Rate (%): 37
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 11
Percent of Physicians Who Are Board Certified Specialists: 100
Interns and Residents: 0
Registered Nurses: 12
Licensed Practical Nurses: 1

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

BELMOND COMM HOSP

403 1ST ST SE
BELMOND, IA 50421

Medicare Hospital Provider Number: 160007

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	60	22	8 - 30	87	16	8 - 24
Cancer	4	75	7 - 81	5	60	18 - 88
Cerebrovascular Accidents	3	67	4 - 86	3	67	1 - 87
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	12	17	6 - 53	11	18	7 - 56
Renal Failure	0	-	-	1	100	3 - 99
Severe Acute Heart Disease	6	50	13 - 80	7	43	9 - 73
Severe Chronic Heart Disease	2	0	0 - 96	5	40	2 - 78
Severe Trauma	1	100	1 - 97	0	-	-
Gastrointestinal Disease	4	0	0 -100	8	0	0 - 96
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	7	0	0 -100	13	0	0 - 85
Musculoskeletal/Skin Conditions	2	0	0 -100	9	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	21
Occupancy Rate (%):	33
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	38
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BOONE CO HOSP

1015 UNION ST
BOONE, IA 50036

Medicare Hospital Provider Number: 160026

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	646	13	11 - 17	640	13	10 - 16
Cancer	11	55	17 - 71	15	60	20 - 68
Cerebrovascular Accidents	29	24	15 - 47	36	36	16 - 47
Gastrointestinal Catastrophes	7	29	5 - 70	7	29	8 - 71
Infectious Disease	18	33	21 - 65	7	29	10 - 72
Metabolic/Electrolyte Disorders	1	0	0 - 98	8	0	8 - 52
Pulmonary Disease	41	17	16 - 42	40	22	16 - 44
Renal Failure	2	50	5 - 94	2	50	1 - 93
Severe Acute Heart Disease	28	43	29 - 65	30	37	27 - 61
Severe Chronic Heart Disease	46	13	16 - 37	37	16	14 - 39
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	78	10	0 - 23	54	11	0 - 33
Gynecologic Disease	1	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	87	3	1 - 12	93	1	2 - 8
Musculoskeletal/Skin Conditions	57	5	0 - 25	72	6	0 - 21
Neuropsychiatric/Sensory Disease	6	0	0 - 89	6	0	0 -100
Urologic Disease	34	6	1 - 27	27	0	0 - 47

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	57
Occupancy Rate (%):	49
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	14
Percent of Physicians Who Are Board Certified Specialists:	14
Interns and Residents:	0
Registered Nurses:	66
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BROADLAWNS MED CTR

18TH ST HICKMAN RD
DES MOINES, IA 50314

Medicare Hospital Provider Number: 160101

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	313	10	8 - 16	360	13	7 - 15
Cancer	10	60	23 - 78	10	70	15 - 69
Cerebrovascular Accidents	9	0	8 - 46	13	8	10 - 47
Gastrointestinal Catastrophes	1	0	1 - 97	2	0	1 - 89
Infectious Disease	1	0	2 - 97	0	-	-
Metabolic/Electrolyte Disorders	6	17	1 - 74	15	20	7 - 52
Pulmonary Disease	24	25	10 - 47	25	24	6 - 43
Renal Failure	2	100	10 - 95	1	100	2 - 97
Severe Acute Heart Disease	18	50	22 - 66	16	50	16 - 62
Severe Chronic Heart Disease	11	9	4 - 49	14	21	9 - 53
Severe Trauma	1	100	0 -100	0	-	-
Gastrointestinal Disease	23	0	0 - 54	25	0	0 - 64
Gynecologic Disease	3	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	19	0	0 - 41	48	2	0 - 22
Musculoskeletal/Skin Conditions	19	0	0 - 78	22	5	0 - 53
Neuropsychiatric/Sensory Disease	14	0	0 - 99	11	18	0 -100
Urologic Disease	17	6	0 -100	9	11	0 - 74

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	294
Occupancy Rate (%):	68
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	41
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	32
Registered Nurses:	134
Licensed Practical Nurses:	26

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BUENA VISTA CO HOSP

1525 W 5TH ST
STORM LAKE, IA 50588

Medicare Hospital Provider Number: 160066

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	501	12	11 - 17	509	14	11 - 18
Cancer	18	44	26 - 70	13	38	27 - 77
Cerebrovascular Accidents	28	18	12 - 43	35	46	16 - 49
Gastrointestinal Catastrophes	1	100	0 - 98	3	33	6 - 87
Infectious Disease	4	50	4 - 82	6	50	12 - 80
Metabolic/Electrolyte Disorders	7	29	5 - 69	3	33	3 - 86
Pulmonary Disease	29	21	14 - 45	35	20	17 - 46
Renal Failure	5	80	16 - 86	3	33	12 - 95
Severe Acute Heart Disease	18	50	23 - 67	30	37	27 - 61
Severe Chronic Heart Disease	37	27	16 - 46	22	18	13 - 46
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	51	2	1 - 15	48	0	1 - 11
Gynecologic Disease	5	0	0 -100	0	-	-
Low-Risk Heart Disease	60	3	1 - 14	60	3	1 - 16
Musculoskeletal/Skin Conditions	41	2	0 - 29	40	5	0 - 39
Neuropsychiatric/Sensory Disease	16	0	0 - 85	20	5	0 -100
Urologic Disease	37	0	0 - 19	31	6	0 - 75

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	70
Occupancy Rate (%):	41
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	13
Percent of Physicians Who Are Board Certified Specialists:	85
Interns and Residents:	0
Registered Nurses:	60
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BURGESS MEM HOSP

1600 DIAMOND
ONAWA, IA 51040

Medicare Hospital Provider Number: 160107

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	389	13	10 - 17	409	17	11 - 19
Cancer	4	100	22 - 85	6	100	24 - 73
Cerebrovascular Accidents	17	41	16 - 61	35	29	16 - 47
Gastrointestinal Catastrophes	5	20	7 - 75	6	17	11 - 73
Infectious Disease	6	17	11 - 73	2	50	2 - 92
Metabolic/Electrolyte Disorders	2	100	3 - 88	3	33	0 - 92
Pulmonary Disease	32	28	17 - 49	34	38	18 - 51
Renal Failure	2	50	7 - 97	4	50	13 - 92
Severe Acute Heart Disease	9	44	16 - 74	25	28	23 - 59
Severe Chronic Heart Disease	20	35	11 - 52	21	24	10 - 47
Severe Trauma	0	-	-	1	100	0 - 98
Gastrointestinal Disease	30	0	0 - 20	30	13	0 - 56
Gynecologic Disease	6	0	0 -100	0	-	-
Low-Risk Heart Disease	69	3	1 - 14	62	6	1 - 19
Musculoskeletal/Skin Conditions	25	0	0 - 43	39	5	0 - 42
Neuropsychiatric/Sensory Disease	2	0	0 -100	10	0	0 - 97
Urologic Disease	19	0	0 - 80	22	5	0 - 75

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	48
Occupancy Rate (%):	42
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	43
Interns and Residents:	0
Registered Nurses:	27
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Burgess
Memorial
Hospital

1600 Diamond Ave., Onawa, IA 51040 (712) 423-2311

October 17, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Bldg, 2-D-2
6325 Security Blvd.
Baltimore, Md. 21207

Dear Sirs:

In reviewing the Health Care Financing Administration mortality data for calendar year 1987, I feel it necessary to comment on the following areas:

1. Cancer deaths: It seems significant that the 100% mortality reflects four patients who were admitted for the purpose of terminal,pallative care. Death was the expected outcome of their hospital stay.

2. Gastrointestinal catastrophies: One of the five patients listed was a terminal cancer patient, transferred to Burgess Memorial Hosptial from an area nursing home. The patient did have a bowel obstruction caused by the terminal cancer.

3. Low Risk Heart Disease: One patient was admitted following a cardiac arrest in the outpatient department. One then questions the validity of that patient being placed in the low risk category. Perhaps severe acute heart disease would be a better description for the admitting diagnosis.

4. Severe Chronic Heart Disease: One post hospital death was a patient who had had heart problems, but the last admission and cause of death, in an area nursing home, was bronchopneumonia secondary to cancer of the lung.

5. Metabolic/Electrolyte Disturbances: Burgess is listed as 100% mortality for the only two patients in this category. Investigation revealed these two patients had terminal liver cancer, with secondary metabolic disturbances.

6. Pulmonary Disease: It is noted that 56% of the deaths were in individuals over 90 years of age. In addition the two post-hospital deaths occured in area nursing homes.

7. Deaths from all other causes: It seems significant that seven out of the twelve deaths were nursing home residents already in a compromised state of health and experiencing a severe deterioration in their condition.

Upon validation one problem became apparent. Patients with terminal cancer may be admitted with a complication caused by the cancer. The complication is then listed as cause of death, not the terminal cancer. This can be misleading to the public who would have no knowledge that the patient had a terminal illness.

In a final comment, the form for the data this year made validation on our part easier to accomplish. Thank you for the opportunity to comment.

Sincerely,

Karmon T. Bjella

Karmon T. Bjella
President
KTB/bb

BURLINGTON MED CTR

602 N 3RD ST
BURLINGTON, IA 52601

Medicare Hospital Provider Number: 160057

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,782	12	10 - 14	1,788	13	10 - 15
Cancer	64	53	32 - 60	69	46	29 - 56
Cerebrovascular Accidents	80	30	18 - 39	66	26	16 - 38
Gastrointestinal Catastrophes	11	36	12 - 66	13	31	9 - 60
Infectious Disease	16	31	10 - 56	13	38	14 - 65
Metabolic/Electrolyte Disorders	14	29	4 - 56	14	7	7 - 45
Pulmonary Disease	115	23	16 - 34	117	26	17 - 36
Renal Failure	4	50	3 - 84	2	50	4 - 93
Severe Acute Heart Disease	80	38	28 - 51	101	44	30 - 52
Severe Chronic Heart Disease	83	27	15 - 35	64	27	13 - 36
Severe Trauma	0	-	-	2	0	4 - 89
Gastrointestinal Disease	174	3	1 - 8	134	2	1 - 8
Gynecologic Disease	13	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	183	2	1 - 7	189	5	1 - 9
Musculoskeletal/Skin Conditions	178	3	1 - 8	166	2	0 - 8
Neuropsychiatric/Sensory Disease	87	1	0 - 15	82	2	0 - 16
Urologic Disease	72	1	0 - 14	84	2	0 - 17

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	388
Occupancy Rate (%):	70
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	81
Percent of Physicians Who Are Board Certified Specialists:	54
Interns and Residents:	0
Registered Nurses:	157
Licensed Practical Nurses:	34

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BMC Burlington Medical Center
602 N. THIRD ST. / BURLINGTON, IA 52601 / (319) 753-3011

HOSPITAL I.D. NO.: 160057

October 13, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Under "hospital characteristics" and "specialty services" for Burlington Medical Center, Burlington, Iowa (160057), please make these four corrections:

(1) "Beds (#)" should be 239 (not 132).
(2) "Shock/Trauma or Burn Unit" should be no (not yes)
(3) "Coronary Care Unit" should be yes (not no)
(4) "Organ Transplant Service" should be no (not yes)

The Medicare Hospital Mortality Information recently submitted for our review reflects the continuing quality assurance efforts of the Medical Staff and employees at BMC. The actual mortality rate for all causes of death at BMC in 1987 was 12 percent, which is the mid-point in the 10-to-14 percent "range for predicted mortality." (In 1986, the actual rate of 13 percent for all causes also was the mid-point in the 10-to-15 predicted range.)

Attached is a sheet listing (1) individual diagnostic categories, (2) number of cases, (3) BMC's actual mortality rate, (4) the mid-point of the range for predicted mortality, and (5) the range for predicted mortality for 1987 and 1986, along with any appropriate comments.

In our opinion, the acuity adjustment methodology, while far from perfect, is a step in the right direction in making more meaningful information available to health care consumers.

Thank you for this opportunity to make corrections and offer comments.

Sincerely,

Glen Heagle

Glen Heagle
President and Chief Executive Officer

GH/dh

CASS CO MEM HOSP

1501 E 10TH ST
ATLANTIC, IA 50022

Medicare Hospital Provider Number: 160039

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	527	14	10 - 16	596	13	10 - 17
Cancer	8	63	14 - 74	15	80	24 - 66
Cerebrovascular Accidents	24	29	12 - 48	34	18	16 - 43
Gastrointestinal Catastrophes	2	50	3 - 92	5	40	5 - 78
Infectious Disease	2	50	2 - 92	6	33	10 - 77
Metabolic/Electrolyte Disorders	6	0	5 - 59	1	0	1 - 97
Pulmonary Disease	36	19	17 - 45	42	19	14 - 41
Renal Failure	3	0	9 - 84	2	100	10 - 95
Severe Acute Heart Disease	23	35	21 - 60	16	50	23 - 70
Severe Chronic Heart Disease	40	27	14 - 42	45	31	12 - 40
Severe Trauma	1	100	0 - 98	0	-	-
Gastrointestinal Disease	73	5	1 - 16	73	4	1 - 15
Gynecologic Disease	0	-	-	10	0	0 -100
Low-Risk Heart Disease	52	2	0 - 16	52	2	1 - 14
Musculoskeletal/Skin Conditions	47	9	0 - 38	47	4	0 - 23
Neuropsychiatric/Sensory Disease	12	0	0 -100	17	12	0 - 99
Urologic Disease	24	0	0 - 74	24	0	0 - 96

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	55
Occupancy Rate (%):	41
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	12
Percent of Physicians Who Are Board Certified Specialists:	58
Interns and Residents:	0
Registered Nurses:	47
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CENTRAL COMM HOSP

901 DAVIDSON ST
ELKADER, IA 52043

Medicare Hospital Provider Number: 160063

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	141	17	10 - 23	180	16	11 - 23
Cancer	3	67	4 - 86	4	100	23 - 86
Cerebrovascular Accidents	2	50	2 - 92	13	31	12 - 60
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	9	44	10 - 70	2	0	11 - 94
Metabolic/Electrolyte Disorders	1	0	0 - 99	3	100	5 - 79
Pulmonary Disease	12	25	12 - 60	19	11	12 - 45
Renal Failure	1	0	3 - 98	2	50	6 - 96
Severe Acute Heart Disease	7	29	17 - 78	8	38	18 - 78
Severe Chronic Heart Disease	14	36	6 - 56	15	20	8 - 50
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 - 99	12	0	0 - 62
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	10	10	0 - 99	18	0	0 - 37
Musculoskeletal/Skin Conditions	7	0	0 - 88	10	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	3	0	0 - 99
Urologic Disease	5	0	0 -100	5	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	27
Occupancy Rate (%):	44
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CHARTER COMM HOSP OF DES MOINES INC

1818 48TH ST
DES MOINES, IA 50310

Medicare Hospital Provider Number: 160133

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	308	12	8 - 16	383	11	10 - 17
Cancer	9	22	13 - 67	10	40	17 - 73
Cerebrovascular Accidents	9	22	6 - 61	17	24	12 - 53
Gastrointestinal Catastrophes	1	0	0 - 98	2	50	6 - 94
Infectious Disease	7	29	10 - 72	5	20	9 - 76
Metabolic/Electrolyte Disorders	2	0	1 - 91	2	0	0 - 95
Pulmonary Disease	31	26	11 - 44	41	20	14 - 41
Renal Failure	3	33	5 - 88	2	0	9 - 94
Severe Acute Heart Disease	6	50	12 - 79	6	67	18 - 83
Severe Chronic Heart Disease	14	14	5 - 47	28	11	14 - 40
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	7	0 - 74	25	12	0 - 59
Gynecologic Disease	2	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	22	5	0 - 66	32	6	0 - 35
Musculoskeletal/Skin Conditions	38	0	0 - 20	40	0	0 - 38
Neuropsychiatric/Sensory Disease	18	0	0 - 66	12	0	0 - 81
Urologic Disease	14	0	0 - 95	10	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	118
Occupancy Rate (%):	25
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	317
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	44
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CLARKE CO PUBLIC HOSP

800 S FILLMORE ST
OSCEOLA, IA 50213

Medicare Hospital Provider Number: 160049

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	132	15	10 - 22	108	14	11 - 24
Cancer	2	100	9 - 92	2	50	7 - 95
Cerebrovascular Accidents	11	45	7 - 62	5	20	6 - 74
Gastrointestinal Catastrophes	1	0	0 - 99	0	-	-
Infectious Disease	1	0	0 - 97	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 -100
Pulmonary Disease	14	14	9 - 50	20	30	11 - 51
Renal Failure	1	0	3 - 98	0	-	-
Severe Acute Heart Disease	9	56	18 - 76	10	50	15 - 71
Severe Chronic Heart Disease	6	17	3 - 69	7	0	9 - 54
Severe Trauma	1	0	0 - 98	0	-	-
Gastrointestinal Disease	6	0	0 -100	10	0	0 - 89
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	19	5	0 - 69	12	0	0 - 95
Musculoskeletal/Skin Conditions	3	0	0 -100	6	0	2 - 58
Neuropsychiatric/Sensory Disease	5	0	0 - 98	1	0	0 -100
Urologic Disease	2	50	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	48
Occupancy Rate (%):	63
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMM HOSP AND HLTH CTR

605 S MAIN ST
SIOUX CENTER, IA 51250

Medicare Hospital Provider Number: 160109

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	106	12	5 - 19	123	9	6 - 17
Cancer	0	-	-	3	33	10 - 91
Cerebrovascular Accidents	3	0	3 - 79	5	20	5 - 74
Gastrointestinal Catastrophes	0	-	-	2	50	5 - 94
Infectious Disease	2	0	3 - 88	0	-	-
Metabolic/Electrolyte Disorders	1	0	2 - 97	0	-	-
Pulmonary Disease	6	17	6 - 68	7	14	12 - 68
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	4	50	8 - 84	5	60	12 - 83
Severe Chronic Heart Disease	4	25	1 - 83	4	25	1 - 83
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	19	0	0 - 63	34	0	0 - 47
Gynecologic Disease	3	0	0 -100	0	-	-
Low-Risk Heart Disease	6	0	0 -100	7	0	0 - 97
Musculoskeletal/Skin Conditions	5	0	0 -100	8	13	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	17	0	0 -100	17	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	90
Occupancy Rate (%):	87
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	29
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMM MEM HOSP

EIGHTH AVENUE WEST BOX 188
HARTLEY, IA 51346

Medicare Hospital Provider Number: 160071

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	93	19	9 - 26	75	19	10 - 28
Cancer	3	33	4 - 86	1	0	0 - 98
Cerebrovascular Accidents	2	0	1 - 89	6	17	9 - 70
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 98
Infectious Disease	4	25	3 - 80	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	100	3 - 98
Pulmonary Disease	9	33	8 - 66	9	11	7 - 56
Renal Failure	2	100	8 - 99	0	-	-
Severe Acute Heart Disease	6	100	28 - 77	4	25	5 - 80
Severe Chronic Heart Disease	4	25	5 - 80	9	56	7 - 66
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	12	0	0 - 99	8	0	0 -100
Gynecologic Disease	2	0	0 -100	0	-	-
Low-Risk Heart Disease	12	0	0 - 82	10	0	0 - 87
Musculoskeletal/Skin Conditions	6	0	0 -100	3	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	2	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	62
Occupancy Rate (%):	82
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY MEM HOSP

1316 S MAIN
CLARION, IA 50525

Medicare Hospital Provider Number: 160046

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	131	11	9 - 21	158	15	9 - 21
Cancer	3	100	10 - 82	0	-	-
Cerebrovascular Accidents	3	0	5 - 79	3	33	5 - 86
Gastrointestinal Catastrophes	0	-	-	1	0	1 - 97
Infectious Disease	1	0	1 - 97	1	0	0 - 98
Metabolic/Electrolyte Disorders	1	0	0 -100	2	50	4 - 93
Pulmonary Disease	22	23	10 - 47	19	21	15 - 53
Renal Failure	2	0	2 - 89	2	50	4 - 93
Severe Acute Heart Disease	7	29	13 - 74	3	33	7 - 87
Severe Chronic Heart Disease	5	40	7 - 78	14	29	7 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	13	0	0 - 84	13	0	0 - 78
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	9	0	0 - 93	18	11	0 - 85
Musculoskeletal/Skin Conditions	12	8	0 - 96	9	0	0 - 93
Neuropsychiatric/Sensory Disease	0	-	-	2	0	0 -100
Urologic Disease	6	0	0 - 78	5	0	0 - 96

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	33
Occupancy Rate (%):	52
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	43
Interns and Residents:	0
Registered Nurses:	21
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CMH
COMMUNITY MEMORIAL
HOSPITAL

MEDICARE PROVIDER #160046

September 21, 1988

Health Standards & Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MA 21207

Dear Mrs. Kappert:

The medicare hospital mortality information recently submitted to us for review appears to be correct.

I question the statistical validity of a sample as small as our hospital. The usefulness of this data, when viewed separately from a larger sample, can be misused and confusing to anyone attempting to interpret the published information.

If the purpose of publishing mortality rates is to judge quality, my comment is that mortality is a poor measurement of quality care.

If the purpose of this data is to promote cost savings, my comment is that a large amount of my taxpayer dollar is being spent to produce meaningless numbers.

Thank you for the opportunity to reply.

Sincerely,

Paul Hurd

Paul Hurd
Administrator

PH:pa

Encl.

1316 South Main • Clarion, Iowa 50525 • 515-532-2811

COMMUNITY MEM HOSP

631 N 8TH ST
MISSOURI VALLEY, IA 51555

Medicare Hospital Provider Number: 160065

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	271	17	10 - 19	269	13	9 - 17
Cancer	3	33	8 - 89	2	50	5 - 93
Cerebrovascular Accidents	13	54	12 - 63	17	24	12 - 53
Gastrointestinal Catastrophes	2	0	3 - 88	1	0	0 - 98
Infectious Disease	6	0	6 - 58	2	0	3 - 88
Metabolic/Electrolyte Disorders	14	29	6 - 56	12	42	7 - 62
Pulmonary Disease	36	36	13 - 45	28	25	13 - 47
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	4	25	11 - 84	7	57	17 - 80
Severe Chronic Heart Disease	21	24	11 - 48	7	29	2 - 70
Severe Trauma	0	-	-	1	0	2 - 97
Gastrointestinal Disease	20	5	0 - 51	22	5	0 - 51
Gynecologic Disease	1	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	27	0	0 - 24	32	3	0 - 27
Musculoskeletal/Skin Conditions	24	4	1 - 31	25	4	0 - 56
Neuropsychiatric/Sensory Disease	5	0	0 -100	6	0	0 -100
Urologic Disease	15	0	0 - 88	10	0	0 - 95

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	20
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	33
Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY MEM HOSP

OAK PARK AND HOSPITAL RD
POSTVILLE, IA 52162

Medicare Hospital Provider Number: 160132

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	71	23	8 - 28	87	23	7 - 26
Cancer	1	100	0 - 98	0	-	-
Cerebrovascular Accidents	6	50	7 - 75	8	38	9 - 70
Gastrointestinal Catastrophes	2	50	1 - 92	2	100	6 - 90
Infectious Disease	1	0	1 - 97	1	0	3 - 98
Metabolic/Electrolyte Disorders	1	100	2 - 97	1	100	2 - 97
Pulmonary Disease	6	0	7 - 58	8	50	7 - 69
Renal Failure	1	100	2 - 97	0	-	-
Severe Acute Heart Disease	2	100	8 - 91	1	100	2 - 98
Severe Chronic Heart Disease	6	33	3 - 73	6	67	5 - 73
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	8	0	0 -100	4	0	0 - 92
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	4	0	0 -100	11	0	0 - 88
Musculoskeletal/Skin Conditions	7	0	0 - 97	11	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	3	0	0 -100
Urologic Disease	4	0	0 -100	4	0	0 - 89

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	26
Occupancy Rate (%):	54
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	16
Percent of Physicians Who Are Board Certified Specialists:	81
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY MEMORIAL HOSPITAL

909 W 1ST ST
SUMNER, IA 50674

Medicare Hospital Provider Number: 160138

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	134	16	11 - 24	124	15	9 - 23
Cancer	3	67	12 - 93	1	100	2 - 97
Cerebrovascular Accidents	3	67	5 - 86	4	25	4 - 79
Gastrointestinal Catastrophes	1	100	3 - 99	1	0	0 - 99
Infectious Disease	1	0	3 - 99	6	17	11 - 73
Metabolic/Electrolyte Disorders	5	20	2 - 77	1	0	2 - 98
Pulmonary Disease	23	9	15 - 43	18	33	12 - 55
Renal Failure	0	-	-	1	100	2 - 97
Severe Acute Heart Disease	4	50	10 - 86	2	0	5 - 89
Severe Chronic Heart Disease	14	29	10 - 56	10	10	5 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	19	11	0 - 96	12	8	0 -100
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	3	0	0 -100	15	7	0 - 69
Musculoskeletal/Skin Conditions	13	8	0 -100	3	0	0 - 97
Neuropsychiatric/Sensory Disease	0	-	-	2	0	0 -100
Urologic Disease	7	0	0 -100	6	33	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	29
Occupancy Rate (%):	21
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	23
Percent of Physicians Who Are Board Certified Specialists:	52
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COVENANT MED CTR ST FRANCIS

3421 W 9TH ST
WATERLOO, IA 50702

Medicare Hospital Provider Number: 160067

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,093	12	10 - 15	1,109	11	9 - 14
Cancer	35	37	24 - 57	30	47	23 - 60
Cerebrovascular Accidents	35	37	13 - 46	48	27	17 - 44
Gastrointestinal Catastrophes	7	29	6 - 70	11	27	10 - 63
Infectious Disease	9	22	21 - 75	15	20	14 - 58
Metabolic/Electrolyte Disorders	7	0	7 - 55	15	20	9 - 54
Pulmonary Disease	66	21	20 - 42	45	27	17 - 44
Renal Failure	9	0	6 - 59	13	38	5 - 68
Severe Acute Heart Disease	45	44	26 - 56	36	58	25 - 57
Severe Chronic Heart Disease	50	24	13 - 38	51	24	14 - 38
Severe Trauma	1	0	0 - 99	2	0	1 - 91
Gastrointestinal Disease	91	2	1 - 10	95	5	0 - 17
Gynecologic Disease	19	0	0 -100	18	0	0 -100
Low-Risk Heart Disease	122	2	2 - 9	106	2	2 - 9
Musculoskeletal/Skin Conditions	134	1	1 - 7	139	0	0 - 5
Neuropsychiatric/Sensory Disease	26	4	0 - 92	30	0	1 - 19
Urologic Disease	41	0	0 - 17	61	5	0 - 40

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	220
Ownership/Control:	Church

STAFFING

Interns and Residents:	0
Registered Nurses:	159
Licensed Practical Nurses:	34

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	Yes

COVENANT
MEDICAL CENTER

October 22, 1988

Hospital ID: 160067
Hospital ID: 160038

Comments to HCFA Mortality Data:

We have reviewed the 1987 mortality information for Covenant Medical Center and are pleased with the overall report at or below the averages of probability. It allowed us the opportunity to reinvestigate practice patterns and strengthened our belief that quality care is being provided at Covenant. The one diagnostic category, Severe Acute Heart Disease, in which the mortality rate was higher than the range predicted by the HCFA model was based on a small sampling group.

Our review of the "Severe Acute Heart Disease" category showed several determining factors that would tend to raise the mortality rates. For example, a high percentage of the patients admitted in this category were elderly, averaging 80 years of age. This age factor indicates the likelihood of other underlying health complications which contributed to patient mortality.

A significant number of the mortalities in this category are attributed to causes other than heart attacks, such as embolism, infectious processes, aneurysm, and ruptured blood vessels.

Our review also showed that for more than half of the patients who died in this category, decisions had been made that no resuscitation efforts be used. This percentage of "do not resuscitate" requests is indicative of the type of patients being treated - elderly with other health complications.

We are committed to providing high quality patient care in all areas and utilize ongoing quality assurance procedures to ensure it. We believe the overall report is reflective of that commitment.

COVENANT
MEDICAL CENTER

October 22, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

Enclosed please find our response to the HCFA mortality data statistics soon to be published.

You will note there are two hospital ID numbers indicated. Covenant Medical Center represents the merger of two facilities. To this date, we have not yet worked out the details of one Medicare number, but that will occur as our construction programs place us in one location. The data from the AHA report is consolidated information.

Please contact me should you have any questions about our response.

Sincerely,

Virginia Holmes

V. Holmes, Vice President
Risk Management

COVENANT MEDICAL CENTER-SCHOITZ

RIDGEWAY KIMBALL AVES
WATERLOO, IA 50702

Medicare Hospital Provider Number: 160038

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,601	12	9 - 14	1,638	13	10 - 15
Cancer	73	45	31 - 57	65	58	32 - 59
Cerebrovascular Accidents	50	24	15 - 40	60	25	19 - 42
Gastrointestinal Catastrophes	10	0	14 - 52	9	22	16 - 70
Infectious Disease	9	44	11 - 70	16	25	16 - 60
Metabolic/Electrolyte Disorders	16	25	12 - 57	28	29	10 - 47
Pulmonary Disease	73	23	16 - 38	62	23	16 - 40
Renal Failure	7	57	10 - 79	6	17	15 - 82
Severe Acute Heart Disease	58	67	28 - 54	65	38	29 - 54
Severe Chronic Heart Disease	68	18	14 - 34	74	38	16 - 39
Severe Trauma	2	0	3 - 88	3	0	4 - 79
Gastrointestinal Disease	154	2	1 - 8	135	3	1 - 9
Gynecologic Disease	26	0	0 -100	18	6	0 -100
Low-Risk Heart Disease	140	4	2 - 10	187	6	2 - 10
Musculoskeletal/Skin Conditions	215	2	1 - 7	225	1	2 - 6
Neuropsychiatric/Sensory Disease	40	7	0 - 32	55	5	0 - 56
Urologic Disease	88	2	0 - 18	74	3	0 - 21

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	267
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	198
Licensed Practical Nurses:	79

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	Yes

COVENANT
MEDICAL CENTER

October 22, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

Enclosed please find our response to the HCFA mortality data statistics soon to be published.

You will note there are two hospital ID numbers indicated. Covenant Medical Center represents the merger of two facilities. To this date, we have not yet worked out the details of one Medicare number, but that will occur as our construction programs place us in one location. The data from the AHA report is consolidated information.

Please contact me should you have any questions about our response.

Sincerely,

Virginia Holmes

V. Holmes, Vice President
Risk Management

COVENANT
MEDICAL CENTER

October 22, 1988

Hospital ID: 160067
Hospital ID: 160038

Comments to HCFA Mortality Data:

We have reviewed the 1987 mortality information for Covenant Medical Center and are pleased with the overall report at or below the averages of probability. It allowed us the opportunity to reinvestigate practice patterns and strengthened our belief that quality care is being provided at Covenant. The one diagnostic category, Severe Acute Heart Disease, in which the mortality rate was higher than the range predicted by the HCFA model was based on a small sampling group.

Our review of the "Severe Acute Heart Disease" category showed several determining factors that would tend to raise the mortality rates. For example, a high percentage of the patients admitted in this category were elderly, averaging 80 years of age. This age factor indicates the likelihood of other underlying health complications which contributed to patient mortality.

A significant number of the mortalities in this category are attributed to causes other than heart attacks, such as embolism, infectious processes, aneurysm, and ruptured blood vessels.

Our review also showed that for more than half of the patients who died in this category, decisions had been made that no resuscitation efforts be used. This percentage of "do not resuscitate" requests is indicative of the type of patients being treated - elderly with other health complications.

We are committed to providing high quality patient care in all areas and utilize ongoing quality assurance procedures to ensure it. We believe the overall report is reflective of that commitment.

CRAWFORD CO MEM HOSP

2020 FIRST AVE SOUTH
DENISON, IA 51442

Medicare Hospital Provider Number: 160014

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%
All Cases	326	12	9 - 17	373	18	10 - 18
Cancer	0	-	-	5	60	14 - 84
Cerebrovascular Accidents	15	13	12 - 50	14	50	10 - 59
Gastrointestinal Catastrophes	4	25	2 - 80	3	67	5 - 86
Infectious Disease	5	20	7 - 75	9	67	9 - 67
Metabolic/Electrolyte Disorders	6	17	6 - 69	8	13	5 - 60
Pulmonary Disease	39	36	13 - 45	33	30	13 - 46
Renal Failure	2	50	6 - 95	2	100	9 - 94
Severe Acute Heart Disease	15	67	21 - 67	19	42	17 - 60
Severe Chronic Heart Disease	15	13	7 - 46	20	50	10 - 53
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	38	0	0 - 17	55	11	0 - 30
Gynecologic Disease	2	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	33	0	0 - 20	32	0	1 - 17
Musculoskeletal/Skin Conditions	32	0	0 - 20	30	7	0 - 67
Neuropsychiatric/Sensory Disease	11	0	0 -100	8	0	0 -100
Urologic Disease	12	8	0 -100	16	0	0 - 98

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 92
Occupancy Rate (%): 22
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 9
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: 0
Registered Nurses: 30
Licensed Practical Nurses: 11

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

DALLAS CO HOSP

TENTH IOWA STREETS
PERRY, IA 50220

Medicare Hospital Provider Number: 160075

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	201	14	11 - 21	215	17	9 - 20
Cancer	5	60	15 - 85	2	0	7 - 91
Cerebrovascular Accidents	2	50	8 - 96	4	25	4 - 79
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 99
Infectious Disease	1	0	1 - 97	4	50	6 - 83
Metabolic/Electrolyte Disorders	0	-	-	6	17	12 - 74
Pulmonary Disease	44	25	17 - 44	29	41	13 - 50
Renal Failure	0	-	-	1	100	2 - 98
Severe Acute Heart Disease	8	63	12 - 72	6	50	16 - 83
Severe Chronic Heart Disease	7	14	2 - 65	7	29	5 - 68
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	17	0	0 - 39	18	6	0 - 58
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	16	0	0 - 45	26	4	0 - 50
Musculoskeletal/Skin Conditions	15	7	0 - 99	22	9	0 - 81
Neuropsychiatric/Sensory Disease	3	0	0 -100	4	0	0 -100
Urologic Disease	5	0	0 -100	6	0	0 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	53
Occupancy Rate (%):	13
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	24
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DAVENPORT OSTEO HOSP

1111 W KIMBERLY RD
DAVENPORT, IA 52806

Medicare Hospital Provider Number: 160104

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%
All Cases	455	12	7 - 14	480	14	7 - 14
Cancer	4	0	4 - 71	4	25	6 - 80
Cerebrovascular Accidents	17	24	13 - 53	15	53	14 - 62
Gastrointestinal Catastrophes	3	33	3 - 86	4	50	2 - 82
Infectious Disease	11	64	12 - 66	12	25	13 - 62
Metabolic/Electrolyte Disorders	11	9	6 - 51	21	24	6 - 47
Pulmonary Disease	24	25	11 - 47	26	31	9 - 46
Renal Failure	4	50	7 - 85	2	50	5 - 94
Severe Acute Heart Disease	11	27	16 - 67	12	50	14 - 66
Severe Chronic Heart Disease	25	28	7 - 44	19	32	8 - 50
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	55	2	0 - 25	45	0	0 - 17
Gynecologic Disease	2	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	57	9	0 - 29	51	4	0 - 24
Musculoskeletal/Skin Conditions	39	0	0 - 30	48	6	0 - 83
Neuropsychiatric/Sensory Disease	11	0	0 -100	5	20	0 -100
Urologic Disease	16	0	0 - 38	21	5	0 - 98

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	150
Occupancy Rate (%):	25
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	47
Percent of Physicians Who Are Board Certified Specialists:	47
Interns and Residents:	2
Registered Nurses:	75
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DAVIS CO HOSP

507-509 N MADISON
BLOOMFIELD, IA 52537

Medicare Hospital Provider Number: 160060

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	367	10	8 - 15	422	10	8 - 15
Cancer	9	22	11 - 65	4	75	11 - 84
Cerebrovascular Accidents	9	44	8 - 67	15	33	9 - 56
Gastrointestinal Catastrophes	3	33	5 - 87	5	20	5 - 74
Infectious Disease	4	50	13 - 89	7	14	7 - 65
Metabolic/Electrolyte Disorders	4	50	3 - 82	4	50	4 - 82
Pulmonary Disease	13	31	12 - 61	18	6	7 - 37
Renal Failure	0	-	-	2	50	7 - 96
Severe Acute Heart Disease	12	25	16 - 64	32	34	24 - 57
Severe Chronic Heart Disease	27	30	12 - 46	15	33	9 - 56
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	58	2	1 - 13	41	2	0 - 31
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	59	2	1 - 13	69	1	1 - 11
Musculoskeletal/Skin Conditions	29	7	0 - 70	34	0	0 - 18
Neuropsychiatric/Sensory Disease	2	50	0 -100	12	0	0 - 98
Urologic Disease	14	0	0 - 96	9	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	80
Occupancy Rate (%):	60
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	43
Interns and Residents:	0
Registered Nurses:	33
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DECATUR CO HOSP

1203 N CHURCH ST
LEON, IA 50144

Medicare Hospital Provider Number: 160055

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	298	13	8 - 16	350	18	9 - 18
Cancer	2	50	8 - 97	7	43	13 - 77
Cerebrovascular Accidents	17	35	8 - 53	23	43	11 - 51
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 99
Infectious Disease	6	67	13 - 79	5	20	10 - 77
Metabolic/Electrolyte Disorders	2	0	5 - 89	3	0	2 - 80
Pulmonary Disease	25	12	15 - 44	35	37	11 - 44
Renal Failure	1	100	1 - 97	2	50	4 - 93
Severe Acute Heart Disease	9	67	16 - 73	21	67	25 - 65
Severe Chronic Heart Disease	12	33	5 - 58	12	58	6 - 60
Severe Trauma	0	-	-	2	0	1 - 89
Gastrointestinal Disease	31	3	0 - 28	35	6	0 - 42
Gynecologic Disease	2	0	0 -100	2	50	0 -100
Low-Risk Heart Disease	50	0	1 - 10	51	2	1 - 15
Musculoskeletal/Skin Conditions	26	4	0 - 33	23	0	0 - 50
Neuropsychiatric/Sensory Disease	8	0	0 -100	9	0	0 - 99
Urologic Disease	12	8	0 -100	8	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	51
Ownership/Control:	Local Government

STAFFING

Interns and Residents:	0
Registered Nurses:	21
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DELAWARE CO MEM HOSP

709 W MAIN ST
MANCHESTER, IA 52057

Medicare Hospital Provider Number: 160009

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	332	13	10 - 18	305	12	9 - 17
Cancer	3	100	17 - 90	8	38	18 - 78
Cerebrovascular Accidents	16	13	13 - 49	17	35	13 - 57
Gastrointestinal Catastrophes	2	50	1 - 93	1	0	1 - 97
Infectious Disease	7	43	8 - 73	3	33	2 - 87
Metabolic/Electrolyte Disorders	3	33	2 - 87	5	40	7 - 79
Pulmonary Disease	29	14	12 - 40	18	11	9 - 43
Renal Failure	1	100	3 -100	0	-	-
Severe Acute Heart Disease	24	38	24 - 62	14	36	18 - 66
Severe Chronic Heart Disease	17	24	6 - 48	21	19	9 - 44
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	42	5	0 - 33	21	0	0 - 42
Gynecologic Disease	7	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	38	0	1 - 13	45	4	1 - 22
Musculoskeletal/Skin Conditions	29	7	0 - 72	25	4	0 - 34
Neuropsychiatric/Sensory Disease	6	17	0 -100	6	0	0 -100
Urologic Disease	6	0	0 - 96	10	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	90
Occupancy Rate (%):	58
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	11
Percent of Physicians Who Are Board Certified Specialists:	64
Interns and Residents:	0
Registered Nurses:	39
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DES MOINES GEN HOSP

603 E 12TH ST
DES MOINES, IA 50307

Medicare Hospital Provider Number: 160102

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%
All Cases	1,480	11	10 - 14	1,530	11	10 - 14
Cancer	43	33	26 - 57	40	27	26 - 57
Cerebrovascular Accidents	63	16	19 - 39	59	14	19 - 39
Gastrointestinal Catastrophes	9	44	11 - 70	9	11	15 - 65
Infectious Disease	17	18	19 - 59	15	27	16 - 61
Metabolic/Electrolyte Disorders	37	30	11 - 45	40	17	10 - 40
Pulmonary Disease	78	27	20 - 42	65	20	19 - 41
Renal Failure	12	42	12 - 72	5	40	13 - 88
Severe Acute Heart Disease	54	52	27 - 55	60	45	28 - 55
Severe Chronic Heart Disease	39	28	12 - 41	57	32	14 - 40
Severe Trauma	0	-	-	2	0	0 - 92
Gastrointestinal Disease	107	6	1 - 14	120	2	1 - 8
Gynecologic Disease	16	0	0 -100	18	0	0 -100
Low-Risk Heart Disease	178	4	1 - 8	157	5	1 - 10
Musculoskeletal/Skin Conditions	144	1	1 - 7	145	6	0 - 13
Neuropsychiatric/Sensory Disease	69	1	1 - 12	82	0	0 - 8
Urologic Disease	62	2	0 - 19	55	5	0 - 22

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 246
Occupancy Rate (%): 54
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 130
Percent of Physicians Who Are Board Certified Specialists: 61
Interns and Residents: 12
Registered Nurses: 184
Licensed Practical Nurses: 28

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

DesMoinesGeneral
Osteopathic
Hospital

October 24, 1988

William L. Roper, M.D., Administrator
Health Care Financing Administration
Department of Health and Human Services
Baltimore, MD 21207

Dear Dr. Roper:

Again, we applaud the study conducted by the Health Care Financing Administration using mortality information on Medicare patients treated at all acute care hospitals in the United State during 1987. A study of millions of admissions can produce extremely reliable data on a wide range of healthcare issues. We are truly in the midst of an information revolution, one that will have a major impact on the future delivery of medical care in the United States.

In the release of your findings, you are providing the American public with one of the few QUANTITATIVE measures available for judging hospital care. Readers will be able to determine how many deaths occurred during or after admission to the hospitals of their communities. We sincerely hope, however, that the public will not equate this information with a QUALITATIVE measure of the care available in the community. There are simply too many factors that have an impact on the outcome of hospitalization.

First, and most notable, is the absence of a SEVERITY OF ILLNESS index to adjust mortality data. Without adjusting the data to reflect the illness of patients presenting for admission to the hospital, the mortality rates of various hospitals are due to different causes. For example, hospitals that have developed "centers of excellence" in cardiac care will experience higher mortality in severe acute heart disease, primarily because their reputation for excellence of care attracts patients experiencing heart attacks. A patient presenting during myocardial infarction is at a high risk of dying. Conversely, the small community hospital in the same general area may have a low mortality rate for severe acute heart disease, primarily because those patients presenting at the hospital are transferred to the specialty center after they are stabilized. Quality of care is neither better nor worse at either hospital; the hospitals simply have different severity of illness indexes.

We will welcome a reliable means to measure severity of illness and look forward to HCFA's development of a nationally consistent measurement tool. We DO NOT support, however, individual states mandating such a system prior to the implementation of an HCFA supported system. The data produced by diverse state systems will lack the consistency and reliability of a universal system and will be unnecessarily costly to install and maintain.

603 EAST TWELFTH STREET DES MOINES, IOWA 50307 (515) 263-4200

Second, the care available at a hospital is only as good as the members of its medical staff. The medical staff provides the actual hands-on care, controls the effectiveness of the quality assurance programs, and condones or disciplines medical staff members whose practice patterns do not meet or exceed established standards. An accredited hospital has met the same standards for nursing care, infection control, dietary, ancillary services, and staffing as any other accredited hospital. It is the involvement and competence of the medical staff that will affect the quality of care provided at the hospital.

The public deserves to have as much information as possible about the aspects of medical care that may affect the health of a person seeking medical care. My advise to anyone seeking care: evaluate the training and board certification of your physician, interview the physician to determine how many times the physician has cared for or treated a patient with your diagnosed condition. Find out which hospital the physician prefers and why, and then discuss the mortality data with the physician to learn why a particular hospital in your community has performed as it has.

The vast majority of healthcare providers in this country, physicians and hospitals alike, are dedicated and highly competent. I would not like the American public to misconstrue any of the healthcare information that will increasingly become available to them. I firmly believe that excellent healthcare is available throughout the country in medical offices and hospitals in every community.

Sincerely,

Loren Slade

Loren D. Slade
Acting Chief Executive Officer

LDS:lw

cc: Iowa Hospital Association
H. Mel Willits, Hospital Association of Greater Des Moines

DEWITT COMM HOSP

1118-11TH ST
DE WITT, IA 52742

Medicare Hospital Provider Number: 160062

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	136	10	10 - 21	183	17	10 - 22
Cancer	0	-	-	4	50	9 - 85
Cerebrovascular Accidents	9	44	11 - 69	8	38	7 - 68
Gastrointestinal Catastrophes	1	100	0 - 99	2	0	5 - 89
Infectious Disease	3	0	5 - 79	3	67	3 - 86
Metabolic/Electrolyte Disorders	4	25	1 - 82	3	33	2 - 87
Pulmonary Disease	12	8	16 - 55	22	32	10 - 50
Renal Failure	3	67	11 - 93	0	-	-
Severe Acute Heart Disease	5	0	11 - 67	12	42	19 - 71
Severe Chronic Heart Disease	4	25	1 - 85	11	36	10 - 63
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	16	0	0 - 58	19	0	0 - 48
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	14	7	0 - 67	23	4	0 - 36
Musculoskeletal/Skin Conditions	11	0	0 - 82	15	7	0 - 92
Neuropsychiatric/Sensory Disease	3	0	0 -100	4	0	0 - 93
Urologic Disease	7	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	74
Occupancy Rate (%):	73
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	57
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

DICKINSON CO MEM HOSP

PO BOX AB-HWY 71 SOUTH
SPIRIT LAKE, IA 51360

Medicare Hospital Provider Number: 160124

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	420	14	8 - 15	370	12	7 - 15
Cancer	9	33	12 - 70	14	57	19 - 69
Cerebrovascular Accidents	18	17	11 - 48	12	33	11 - 61
Gastrointestinal Catastrophes	6	17	9 - 71	2	50	4 - 93
Infectious Disease	1	0	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	3	33	3 - 86	5	0	2 - 67
Pulmonary Disease	27	15	11 - 41	27	15	12 - 42
Renal Failure	1	100	2 - 97	1	100	2 - 98
Severe Acute Heart Disease	20	70	18 - 58	17	24	23 - 64
Severe Chronic Heart Disease	21	33	7 - 48	6	0	3 - 57
Severe Trauma	1	100	0 - 99	0	-	-
Gastrointestinal Disease	41	10	0 - 39	35	3	0 - 52
Gynecologic Disease	6	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	44	9	0 - 48	38	8	0 - 37
Musculoskeletal/Skin Conditions	55	0	0 - 11	64	3	0 - 21
Neuropsychiatric/Sensory Disease	9	0	0 -100	7	0	0 -100
Urologic Disease	24	0	0 - 81	24	4	0 - 50

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 49
Occupancy Rate (%): 39
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 50
Percent of Physicians Who Are Board Certified Specialists: 46
Interns and Residents: 0
Registered Nurses: 34
Licensed Practical Nurses: 2

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

EDMUNDSON JENNIE MEM HOSP

933 E PIERCE
COUNCIL BLUFFS, IA 51501

Medicare Hospital Provider Number: 160047

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,514	13	10 - 15	1,399	11	10 - 15
Cancer	56	43	29 - 58	39	38	27 - 60
Cerebrovascular Accidents	62	24	18 - 40	69	20	16 - 37
Gastrointestinal Catastrophes	12	33	14 - 66	13	31	11 - 62
Infectious Disease	20	50	18 - 61	9	22	11 - 66
Metabolic/Electrolyte Disorders	27	26	13 - 50	20	30	9 - 52
Pulmonary Disease	75	36	15 - 39	102	23	18 - 37
Renal Failure	6	67	18 - 89	7	14	14 - 77
Severe Acute Heart Disease	58	48	28 - 54	51	47	29 - 57
Severe Chronic Heart Disease	57	32	15 - 40	40	25	12 - 40
Severe Trauma	2	50	2 - 92	0	-	-
Gastrointestinal Disease	110	4	1 - 11	95	3	1 - 11
Gynecologic Disease	16	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	122	2	1 - 9	121	2	1 - 9
Musculoskeletal/Skin Conditions	238	1	1 - 5	210	3	0 - 8
Neuropsychiatric/Sensory Disease	56	2	0 - 16	49	0	0 - 14
Urologic Disease	97	2	0 - 15	58	5	0 - 49

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	255
Occupancy Rate (%):	60
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	85
Percent of Physicians Who Are Board Certified Specialists:	68
Interns and Residents:	0
Registered Nurses:	144
Licensed Practical Nurses:	38

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

JENNIE EDMUNDSON HOSPITAL

DATE: October 14, 1988

TO: Mrs. Sandra Kappert, Health Standards and Quality Bureau
Health Care Financing Administration

FROM: Provider #160047

SUBJECT: Comments Regarding the 1986 AHA Data Portion of the 1986 and 1987 HCFA Mortality Data

The following AHA 1986 information regarding this hospital, which was included with the 1986 and 1987 mortality rates and ranges, should be corrected:

	Error	Correction
Number of Beds	97	196
Occupancy Rate (%)	84	57
Staffing		
Interns and Residents per bed	0.02	0
Specialty Services		
Organ Transplant Service	yes	no

Your prompt attention to the correction of this data is appreciated.

JENNIE EDMUNDSON HOSPITAL • 933 E. PIERCE ST., P.O. BOX 2C • COUNCIL BLUFFS, IA 51502 • 712/328-6000

ELDORA COMM HOSP

2413 EDGINGTON AVE
ELDORA, IA 50627

Medicare Hospital Provider Number: 160085

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	80	12	8 - 24	96	17	9 - 25
Cancer	0	-	-	1	100	3 - 98
Cerebrovascular Accidents	4	25	3 - 80	6	17	7 - 69
Gastrointestinal Catastrophes	1	0	0 - 99	1	0	3 - 98
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	5	0	5 - 64	8	25	1 - 69
Pulmonary Disease	8	38	8 - 69	17	29	10 - 53
Renal Failure	0	-	-	1	100	1 - 97
Severe Acute Heart Disease	3	67	11 - 92	4	25	9 - 82
Severe Chronic Heart Disease	4	25	4 - 79	4	25	4 - 79
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	6	0	0 -100	15	0	0 - 77
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	8	0	0 - 94	9	0	0 - 92
Musculoskeletal/Skin Conditions	3	0	0 -100	4	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	5	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	24
Occupancy Rate (%):	42
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ELLSWORTH MUNICIPAL HOSP

110 ROCKSYLVANIA AVE
IOWA FALLS, IA 50126

Medicare Hospital Provider Number: 160034

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%
All Cases	256	11	12 - 20	293	19	10 - 20
Cancer	6	67	17 - 83	6	67	10 - 76
Cerebrovascular Accidents	19	11	13 - 45	17	29	12 - 55
Gastrointestinal Catastrophes	2	100	10 - 93	0	-	-
Infectious Disease	4	0	15 - 78	3	33	6 - 88
Metabolic/Electrolyte Disorders	9	22	11 - 66	11	18	6 - 57
Pulmonary Disease	27	7	11 - 36	22	32	11 - 50
Renal Failure	2	100	11 - 96	2	50	6 - 95
Severe Acute Heart Disease	14	21	22 - 65	20	45	19 - 61
Severe Chronic Heart Disease	18	39	6 - 51	18	50	11 - 55
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	30	0	1 - 17	29	0	0 - 37
Gynecologic Disease	2	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	20	0	0 - 30	35	6	0 - 40
Musculoskeletal/Skin Conditions	15	7	0 - 95	29	3	0 - 36
Neuropsychiatric/Sensory Disease	8	0	0 -100	3	0	0 -100
Urologic Disease	3	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	42
Occupancy Rate (%):	36
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	9
Percent of Physicians Who Are Board Certified Specialists:	89
Interns and Residents:	0
Registered Nurses:	22
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ELLSWORTH MUNICIPAL HOSPITAL
110 ROCKSYLVANIA AVENUE
IOWA FALLS, IOWA 50126
515-648-4631
"CARING FOR PEOPLE IN SPECIAL WAYS"

October 17, 1988

Health Standards and Quality Bureau, HCFA
ATTN: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Medicare Provider #: 160034

Dear Mrs. Kappert:

I recently received the Medicare Hospital Mortality Information Report. Not surprisingly, our hospital's actual mortality rate (11%) for all diagnostic causes was lower than the HCFA determined range for predicted mortality (12-20%). Of the sixteen diagnostic categories reviewed by HCFA, no less than nine received actual mortality rates below the range for predicted mortality; only two categories exceeded the range for predicted mortality. Those diagnostic categories which did exceed the predicted range, gastrointestinal catastrophies and renal failure, included only two cases each, thereby making any comparison with predicted ranges virtually impossible. These statistics reinforce the fact that the members of our Medical Staff continually strive to provide quality health care in the highest degree.

The second half of your survey, entitled, "Hospital Characteristics", includes information that is inaccurate and/or inconsistent. Specifically, our hospital services do include a coronary care unit and hospice care. In addition, the total number of physicians at Ellsworth Municipal Hospital (EMH) is ten, rather than seven as indicated. You also state that the percentage of EMH physicians who are "board-certified specialists" at our hospital is "0". Our medical staff presently includes eight board-certified family practitioners (including one family practitioner who is also board-certified in anesthesiology), one board-eligible psychiatrist and one board-eligible surgeon. It appears to be entirely inconsistent with the realities of medical practice to not include board-certified family practitioners as "board-certified specialists". In fact, one could argue that the responsibilities placed upon family practitioners are greater than those placed upon other "specialists".

I discussed the aforementioned concerns with Mary Brown (Health Standards and Quality Bureau). I strongly encourage the American Hospital Association to include board-certified family practitioners as board-certified "specialists". It is undeniable that their contribution to the community is at least as great as the contribution of other "specialists".

Thank you for providing each hospital with the opportunity to respond to these statistics. As Administrator at Ellsworth Municipal Hospital, I take great pride in reiterating what the Medicare Hospital Mortality Information has stated: "The care provided by the physicians (and the nursing staff and other professionals) at Ellsworth Municipal Hospital continues to be outstanding!"

Sincerely,

Cameron D. Ross

Cameron D. Ross
Administrator

CDR:d

CC: J. Brunkhorst, M.D.
T. Gott
A.H.A.

FINLEY HOSP

350 N GRANDVIEW
DUBUQUE, IA 52001

Medicare Hospital Provider Number: 160117

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,408	11	10 - 14	1,308	11	10 - 15
Cancer	52	35	29 - 57	50	44	30 - 60
Cerebrovascular Accidents	51	16	16 - 38	52	21	16 - 40
Gastrointestinal Catastrophes	13	31	17 - 67	6	33	5 - 74
Infectious Disease	16	56	25 - 72	17	41	23 - 69
Metabolic/Electrolyte Disorders	21	48	16 - 59	19	37	10 - 55
Pulmonary Disease	56	30	18 - 44	50	20	16 - 41
Renal Failure	8	38	11 - 77	14	21	19 - 75
Severe Acute Heart Disease	41	37	26 - 56	39	28	26 - 55
Severe Chronic Heart Disease	55	27	11 - 36	49	24	13 - 38
Severe Trauma	1	100	0 - 98	4	0	4 - 72
Gastrointestinal Disease	93	5	1 - 15	80	4	1 - 13
Gynecologic Disease	12	0	0 -100	11	0	0 -100
Low-Risk Heart Disease	149	6	1 - 11	126	2	2 - 8
Musculoskeletal/Skin Conditions	264	0	1 - 4	231	2	1 - 6
Neuropsychiatric/Sensory Disease	40	0	0 - 15	47	2	0 - 22
Urologic Disease	64	0	0 - 10	73	1	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	158
Occupancy Rate (%):	56
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	123
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	0
Registered Nurses:	180
Licensed Practical Nurses:	23

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FLOYD CO MEM HOSP

11TH S MAIN ST
CHARLES CITY, IA 50616

Medicare Hospital Provider Number: 160037

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	486	12	8 - 15	480	15	9 - 17
Cancer	9	44	13 - 71	6	33	11 - 77
Cerebrovascular Accidents	17	24	15 - 55	18	44	11 - 55
Gastrointestinal Catastrophes	2	100	11 - 96	1	0	0 -100
Infectious Disease	6	50	5 - 74	3	0	6 - 80
Metabolic/Electrolyte Disorders	9	22	15 - 69	9	56	14 - 73
Pulmonary Disease	22	14	16 - 47	35	29	11 - 43
Renal Failure	3	67	5 - 88	3	67	7 - 90
Severe Acute Heart Disease	14	50	16 - 65	22	41	26 - 66
Severe Chronic Heart Disease	30	27	11 - 44	34	18	12 - 40
Severe Trauma	1	100	0 - 98	0	-	-
Gastrointestinal Disease	47	2	0 - 24	37	5	1 - 24
Gynecologic Disease	11	0	0 -100	0	-	-
Low-Risk Heart Disease	74	1	1 - 10	67	3	1 - 14
Musculoskeletal/Skin Conditions	55	7	0 - 42	53	6	0 - 44
Neuropsychiatric/Sensory Disease	12	8	0 -100	14	0	0 - 94
Urologic Disease	34	3	0 - 72	18	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	55
Occupancy Rate (%):	40
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	14
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	41
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FLOYD VALLEY HOSP

714 LINCOLN ST
LE MARS, IA 51031

Medicare Hospital Provider Number: 160140

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	310	11	9 - 17	345	10	9 - 16
Cancer	8	75	12 - 69	5	60	12 - 83
Cerebrovascular Accidents	6	17	8 - 69	11	18	9 - 57
Gastrointestinal Catastrophes	3	33	9 - 89	3	33	2 - 87
Infectious Disease	10	10	10 - 56	8	38	10 - 71
Metabolic/Electrolyte Disorders	6	50	5 - 75	5	0	7 - 65
Pulmonary Disease	16	19	17 - 57	34	18	13 - 42
Renal Failure	4	50	8 - 86	0	-	-
Severe Acute Heart Disease	14	36	22 - 69	11	45	15 - 69
Severe Chronic Heart Disease	22	32	9 - 49	16	13	9 - 46
Severe Trauma	0	-	-	1	100	1 - 97
Gastrointestinal Disease	30	0	0 - 32	49	0	0 - 13
Gynecologic Disease	2	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	33	0	1 - 15	38	0	1 - 15
Musculoskeletal/Skin Conditions	27	0	0 - 57	29	7	0 - 78
Neuropsychiatric/Sensory Disease	5	0	0 -100	7	0	0 -100
Urologic Disease	28	0	0 - 63	17	0	0 - 80

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	44
Occupancy Rate (%):	46
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	17
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	22
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FOREST CITY COMM HOSP

HIGHWAY 9 EAST
FOREST CITY, IA 50436

Medicare Hospital Provider Number: 160141

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	88	7	7 - 19	86	10	7 - 21
Cancer	0	-	-	2	50	5 - 93
Cerebrovascular Accidents	4	50	2 - 82	0	-	-
Gastrointestinal Catastrophes	1	0	1 - 97	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	100	0 - 98	3	33	1 - 87
Pulmonary Disease	6	17	9 - 70	11	36	6 - 61
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	5	0	10 - 66	5	20	16 - 82
Severe Chronic Heart Disease	5	0	4 - 63	3	0	3 - 79
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	12	0	0 - 85	14	0	0 - 96
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	14	0	0 - 49	11	0	0 - 99
Musculoskeletal/Skin Conditions	6	0	0 -100	6	0	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	4	0	0 - 99
Urologic Disease	1	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 45
Occupancy Rate (%): 51
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 6
Percent of Physicians Who Are Board Certified Specialists: 50
Interns and Residents: 0
Registered Nurses: 18
Licensed Practical Nurses: 1

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

FRANKLIN GEN HOSP

1720 CENTRAL AVE EAST
HAMPTON, IA 50441

Medicare Hospital Provider Number: 160036

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	232	18	10 - 21	234	18	11 - 22
Cancer	4	100	14 - 77	7	43	13 - 76
Cerebrovascular Accidents	13	31	8 - 57	13	31	11 - 59
Gastrointestinal Catastrophes	2	0	1 - 89	2	50	3 - 92
Infectious Disease	2	0	6 - 90	2	0	2 - 89
Metabolic/Electrolyte Disorders	8	50	7 - 70	5	0	1 - 69
Pulmonary Disease	20	20	8 - 46	26	23	13 - 47
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	11	64	20 - 72	19	37	21 - 63
Severe Chronic Heart Disease	23	22	12 - 47	19	26	10 - 50
Severe Trauma	0	-	-	1	100	2 - 97
Gastrointestinal Disease	23	4	0 - 70	20	10	0 - 89
Gynecologic Disease	3	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	24	8	0 - 46	26	15	0 - 68
Musculoskeletal/Skin Conditions	11	9	0 - 97	14	0	0 - 74
Neuropsychiatric/Sensory Disease	6	0	0 -100	3	0	0 -100
Urologic Disease	7	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	92
Occupancy Rate (%):	73
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	29
Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FT MADISON COMM HOSP

5445 AVENUE O PO BOX 174
FORT MADISON, IA 52627

Medicare Hospital Provider Number: 160122

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	503	12	10 - 17	504	14	8 - 15
Cancer	11	36	20 - 73	9	56	15 - 73
Cerebrovascular Accidents	27	19	13 - 43	17	29	11 - 54
Gastrointestinal Catastrophes	2	0	3 - 88	3	33	6 - 87
Infectious Disease	1	0	1 - 97	4	50	12 - 88
Metabolic/Electrolyte Disorders	17	47	11 - 59	19	47	10 - 56
Pulmonary Disease	28	32	11 - 47	34	9	11 - 35
Renal Failure	1	0	1 - 97	4	25	7 - 84
Severe Acute Heart Disease	37	32	25 - 56	18	44	16 - 60
Severe Chronic Heart Disease	39	15	13 - 37	23	39	7 - 47
Severe Trauma	1	0	0 - 99	2	0	1 - 90
Gastrointestinal Disease	46	0	0 - 13	48	2	0 - 19
Gynecologic Disease	5	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	75	1	1 - 10	73	0	1 - 7
Musculoskeletal/Skin Conditions	21	0	0 - 69	45	2	0 - 22
Neuropsychiatric/Sensory Disease	5	0	0 -100	12	8	0 -100
Urologic Disease	32	0	0 - 50	28	0	0 - 68

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	50
Occupancy Rate (%):	39
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	32
Percent of Physicians Who Are Board Certified Specialists:	59
Interns and Residents:	0
Registered Nurses:	38
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GRAPE COMMUNITY HOSP

HIGHWAY 275 NORTH BOX 246
HAMBURG, IA 51640

Medicare Hospital Provider Number: 160099

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	254	18	9 - 20	252	14	10 - 19
Cancer	8	50	13 - 74	7	29	10 - 72
Cerebrovascular Accidents	16	50	12 - 58	11	18	9 - 57
Gastrointestinal Catastrophes	2	100	4 - 89	4	25	5 - 80
Infectious Disease	2	50	2 - 92	2	50	3 - 92
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 - 99
Pulmonary Disease	15	33	7 - 55	19	37	12 - 55
Renal Failure	5	60	8 - 83	3	33	10 - 92
Severe Acute Heart Disease	14	50	17 - 66	14	50	17 - 66
Severe Chronic Heart Disease	20	20	7 - 45	20	35	10 - 51
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	18	11	0 - 89	18	0	0 - 71
Gynecologic Disease	7	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	32	3	0 - 31	23	4	0 - 49
Musculoskeletal/Skin Conditions	10	0	0 - 93	25	4	0 - 89
Neuropsychiatric/Sensory Disease	4	25	0 -100	5	0	0 -100
Urologic Disease	8	0	0 -100	15	0	0 - 83

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	42
Occupancy Rate (%):	29
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	0
Registered Nurses:	16
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GREATER COMMUNITY HOSP

COTTONWOOD AND TOWNLINE RD
CRESTON, IA 50801

Medicare Hospital Provider Number: 160116

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	475	14	8 - 15	518	12	8 - 15
Cancer	7	57	17 - 80	15	53	19 - 68
Cerebrovascular Accidents	19	26	10 - 50	23	22	13 - 47
Gastrointestinal Catastrophes	7	43	15 - 79	6	0	6 - 59
Infectious Disease	4	100	6 - 71	5	40	11 - 82
Metabolic/Electrolyte Disorders	6	33	6 - 74	2	0	0 - 99
Pulmonary Disease	16	13	14 - 51	25	24	9 - 45
Renal Failure	3	67	2 - 87	0	-	-
Severe Acute Heart Disease	22	64	21 - 60	24	46	24 - 63
Severe Chronic Heart Disease	24	21	10 - 44	29	31	10 - 44
Severe Trauma	1	100	1 - 97	1	100	0 - 98
Gastrointestinal Disease	53	2	0 - 17	53	8	0 - 32
Gynecologic Disease	10	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	30	3	0 - 41	44	2	1 - 18
Musculoskeletal/Skin Conditions	31	0	0 - 28	46	2	0 - 20
Neuropsychiatric/Sensory Disease	37	3	0 - 77	36	0	0 - 54
Urologic Disease	25	4	0 - 84	25	8	0 - 67

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	47
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	11
Percent of Physicians Who Are Board Certified Specialists:	64
Interns and Residents:	0
Registered Nurses:	37
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GREELEY MARY MED CTR

117 11TH ST
AMES, IA 50010

Medicare Hospital Provider Number: 160030

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,769	9	10 - 14	1,637	10	10 - 14
Cancer	96	34	35 - 58	94	34	32 - 56
Cerebrovascular Accidents	77	14	20 - 37	53	23	17 - 41
Gastrointestinal Catastrophes	14	14	18 - 61	17	18	14 - 54
Infectious Disease	24	13	28 - 59	31	32	21 - 57
Metabolic/Electrolyte Disorders	11	0	15 - 50	12	42	9 - 63
Pulmonary Disease	57	19	21 - 44	63	21	16 - 39
Renal Failure	8	50	10 - 77	4	50	7 - 86
Severe Acute Heart Disease	50	34	28 - 56	32	56	24 - 59
Severe Chronic Heart Disease	74	30	15 - 37	56	30	14 - 40
Severe Trauma	1	0	0 - 99	3	33	4 - 86
Gastrointestinal Disease	182	2	1 - 7	150	1	2 - 7
Gynecologic Disease	37	0	0 -100	30	0	0 -100
Low-Risk Heart Disease	128	4	1 - 10	110	5	3 - 12
Musculoskeletal/Skin Conditions	239	2	0 - 6	238	0	1 - 4
Neuropsychiatric/Sensory Disease	59	0	1 - 10	69	1	0 - 15
Urologic Disease	129	0	0 - 6	103	0	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	200
Occupancy Rate (%):	64
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	94
Percent of Physicians Who Are Board Certified Specialists:	85
Interns and Residents:	0
Registered Nurses:	188
Licensed Practical Nurses:	22

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GREENE CO MED CTR

1000 W LINCOLNWAY
JEFFERSON, IA 50129

Medicare Hospital Provider Number: 160021

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	369	14	10 - 17	402	15	10 - 18
Cancer	11	64	25 - 78	11	45	23 - 77
Cerebrovascular Accidents	27	26	14 - 47	30	20	12 - 43
Gastrointestinal Catastrophes	5	60	9 - 80	6	50	17 - 85
Infectious Disease	2	0	9 - 93	5	20	8 - 76
Metabolic/Electrolyte Disorders	4	0	6 - 71	2	50	0 - 97
Pulmonary Disease	18	22	7 - 48	12	33	8 - 60
Renal Failure	1	100	3 - 99	3	100	13 - 88
Severe Acute Heart Disease	20	45	19 - 61	26	50	23 - 61
Severe Chronic Heart Disease	19	37	6 - 50	16	19	7 - 48
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	58	3	1 - 17	66	5	0 - 20
Gynecologic Disease	4	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	27	4	0 - 40	34	3	0 - 25
Musculoskeletal/Skin Conditions	31	3	0 - 62	26	0	0 - 64
Neuropsychiatric/Sensory Disease	12	0	0 - 70	8	13	0 -100
Urologic Disease	9	0	0 - 99	12	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	112
Occupancy Rate (%):	86
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	63
Interns and Residents:	0
Registered Nurses:	33
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GRINNELL GEN HOSP

4TH REED ST
GRINNELL, IA 50112

Medicare Hospital Provider Number: 160147

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	632	10	9 - 15	641	10	9 - 15
Cancer	10	60	14 - 69	12	17	16 - 61
Cerebrovascular Accidents	28	25	13 - 46	29	31	14 - 48
Gastrointestinal Catastrophes	2	50	4 - 92	4	0	9 - 73
Infectious Disease	5	40	5 - 78	4	75	5 - 80
Metabolic/Electrolyte Disorders	9	11	5 - 57	8	38	5 - 68
Pulmonary Disease	61	21	17 - 40	51	16	13 - 37
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	20	30	20 - 60	16	19	26 - 66
Severe Chronic Heart Disease	50	22	15 - 39	34	35	14 - 46
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	61	2	1 - 13	52	4	1 - 18
Gynecologic Disease	6	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	55	2	1 - 13	51	4	1 - 18
Musculoskeletal/Skin Conditions	103	1	1 - 8	112	2	0 - 9
Neuropsychiatric/Sensory Disease	9	11	0 -100	10	0	0 - 94
Urologic Disease	17	6	0 - 98	22	9	0 - 89

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	53
Occupancy Rate (%):	64
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	18
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	0
Registered Nurses:	61
Licensed Practical Nurses:	11

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GRUNDY CO MEM HOSP

PO BOX 97
GRUNDY CENTER, IA 50638

Medicare Hospital Provider Number: 160035

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	52	19	8 - 30	58	21	9 - 30
Cancer	1	100	1 - 97	0	-	-
Cerebrovascular Accidents	1	0	0 - 98	2	50	2 - 92
Gastrointestinal Catastrophes	1	100	1 - 97	0	-	-
Infectious Disease	4	25	4 - 80	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	5	20	4 - 74	6	33	9 - 75
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	3	67	7 - 88	3	33	5 - 86
Severe Chronic Heart Disease	5	40	9 - 80	12	42	5 - 59
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	4	0	0 - 93	7	14	0 - 97
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	8	0	0 - 98	4	0	0 - 92
Musculoskeletal/Skin Conditions	3	0	0 -100	2	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	1	0	0 -100
Urologic Disease	4	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	88
Occupancy Rate (%):	67
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GUTHRIE CO HOSP

710 N 12TH ST
GUTHRIE CENTER, IA 50115

Medicare Hospital Provider Number: 160018

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	196	16	9 - 20	205	14	10 - 20
Cancer	3	100	10 - 82	1	100	3 - 99
Cerebrovascular Accidents	7	29	6 - 69	8	38	11 - 71
Gastrointestinal Catastrophes	1	0	2 -100	3	67	4 - 86
Infectious Disease	2	0	0 - 93	2	0	1 - 91
Metabolic/Electrolyte Disorders	3	0	0 - 89	0	-	-
Pulmonary Disease	20	25	13 - 52	15	33	10 - 57
Renal Failure	3	33	10 - 92	3	67	11 - 94
Severe Acute Heart Disease	14	64	25 - 72	15	47	19 - 67
Severe Chronic Heart Disease	8	25	4 - 64	11	18	12 - 59
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	19	0	0 - 52	21	0	0 - 34
Gynecologic Disease	1	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	21	5	0 - 59	20	10	0 - 85
Musculoskeletal/Skin Conditions	17	0	0 - 61	14	0	0 - 87
Neuropsychiatric/Sensory Disease	9	0	0 -100	4	0	0 -100
Urologic Disease	12	0	0 -100	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	25
Occupancy Rate (%):	36
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GUTTENBERG MUNICIPAL HOSP

SECOND MAIN STS
GUTTENBERG, IA 52052

Medicare Hospital Provider Number: 160097

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	189	16	9 - 20	184	12	10 - 20
Cancer	8	88	23 - 75	9	56	18 - 76
Cerebrovascular Accidents	12	42	11 - 63	12	8	13 - 52
Gastrointestinal Catastrophes	1	0	1 - 97	0	-	-
Infectious Disease	3	0	4 - 79	3	0	8 - 81
Metabolic/Electrolyte Disorders	1	100	3 - 99	3	0	0 - 94
Pulmonary Disease	15	47	9 - 58	17	35	9 - 54
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	6	17	15 - 76	7	43	13 - 77
Severe Chronic Heart Disease	5	40	2 - 79	8	0	13 - 53
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	22	0	0 - 44	15	7	0 - 96
Gynecologic Disease	0	-	-	6	0	0 -100
Low-Risk Heart Disease	22	5	0 - 49	16	0	1 - 35
Musculoskeletal/Skin Conditions	14	0	0 - 43	10	10	0 - 98
Neuropsychiatric/Sensory Disease	3	0	0 -100	5	0	0 -100
Urologic Disease	10	0	0 -100	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 37
Occupancy Rate (%): 27
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 4
Percent of Physicians Who Are Board Certified Specialists: 100
Interns and Residents: 0
Registered Nurses: 11
Licensed Practical Nurses: 3

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

HAMILTON CO PUBLIC HOSP

800 OHIO ST
WEBSTER CITY, IA 50595

Medicare Hospital Provider Number: 160076

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	538	8	8 - 14	432	12	9 - 16
Cancer	7	71	22 - 83	10	80	29 - 80
Cerebrovascular Accidents	20	25	11 - 50	9	22	8 - 62
Gastrointestinal Catastrophes	1	0	0 - 98	6	33	8 - 75
Infectious Disease	2	0	6 - 90	3	33	7 - 88
Metabolic/Electrolyte Disorders	16	19	6 - 50	17	47	11 - 58
Pulmonary Disease	35	14	15 - 42	36	14	14 - 40
Renal Failure	1	100	3 - 99	0	-	-
Severe Acute Heart Disease	10	30	18 - 72	12	17	16 - 61
Severe Chronic Heart Disease	28	11	13 - 39	31	23	13 - 43
Severe Trauma	1	0	0 - 98	2	0	3 - 88
Gastrointestinal Disease	71	1	1 - 11	47	2	0 - 23
Gynecologic Disease	3	0	0 -100	0	-	-
Low-Risk Heart Disease	69	1	1 - 11	65	2	1 - 12
Musculoskeletal/Skin Conditions	59	0	0 - 11	48	2	0 - 25
Neuropsychiatric/Sensory Disease	14	0	0 - 99	11	9	0 - 92
Urologic Disease	12	8	0 - 78	12	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	65
Occupancy Rate (%):	45
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	12
Percent of Physicians Who Are Board Certified Specialists:	58
Interns and Residents:	0
Registered Nurses:	45
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Medical Provider No. 16007

Hamilton County Public Hospital
800 OHIO STREET, WEBSTER CITY, IOWA 50595, (515) 832-3431

October 21, 1988

William L. Roper, M.D.
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

Re: Medicare Hospital Mortality Information

Two errors regarding our hospital characteristics need to be corrected.

BEDS (#)	72	(Not 29)
Coronary Care Unit	Yes	

Thank you for the opportunity to comment.

Sincerely,

Lawrence J Massa

Lawrence J. Massa, Administrator

HANCOCK CO MEM HOSP

531 2ND ST NW
BRITT, IA 50423

Medicare Hospital Provider Number: 160095

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	104	14	9 - 24	129	21	9 - 24
Cancer	0	-	-	2	50	3 - 92
Cerebrovascular Accidents	8	25	10 - 67	8	13	6 - 59
Gastrointestinal Catastrophes	0	-	-	3	0	2 - 80
Infectious Disease	2	50	2 - 92	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	100	1 - 97
Pulmonary Disease	9	22	6 - 61	10	40	6 - 64
Renal Failure	1	100	3 - 98	1	100	1 - 97
Severe Acute Heart Disease	12	25	21 - 69	11	45	17 - 71
Severe Chronic Heart Disease	6	17	4 - 68	10	30	5 - 61
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	11	0	0 - 85	14	0	0 - 87
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	14	0	0 - 65	12	8	0 - 68
Musculoskeletal/Skin Conditions	16	13	0 - 99	10	20	0 - 89
Neuropsychiatric/Sensory Disease	1	0	0 -100	1	100	0 -100
Urologic Disease	0	-	-	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	24
Occupancy Rate (%):	42
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	60
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HAWARDEN COMMUNITY HOSP

1111-11TH ST
HAWARDEN, IA 51023

Medicare Hospital Provider Number: 160134

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%
All Cases	104	12	8 - 21	113	21	10 - 26
Cancer	1	0	3 - 98	1	100	0 - 98
Cerebrovascular Accidents	4	50	2 - 82	8	25	10 - 67
Gastrointestinal Catastrophes	2	0	7 - 91	0	-	-
Infectious Disease	1	0	0 - 98	1	100	3 - 99
Metabolic/Electrolyte Disorders	2	50	0 - 96	0	-	-
Pulmonary Disease	9	0	9 - 47	13	38	11 - 61
Renal Failure	0	-	-	1	0	2 - 97
Severe Acute Heart Disease	5	60	12 - 82	7	43	19 - 82
Severe Chronic Heart Disease	12	17	5 - 52	5	0	6 - 63
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	6	0	0 -100	8	13	0 -100
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	14	7	0 - 78	15	0	0 - 72
Musculoskeletal/Skin Conditions	7	0	0 -100	4	0	0 -100
Neuropsychiatric/Sensory Disease	4	0	0 - 98	4	0	0 -100
Urologic Disease	2	0	0 -100	3	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	27
Occupancy Rate (%):	19
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	19
Percent of Physicians Who Are Board Certified Specialists:	63
Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HEGG MEMORIAL HOSP

1200-21ST AVE
ROCK VALLEY, IA 51247

Medicare Hospital Provider Number: 160145

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	104	18	8 - 24	108	21	11 - 27
Cancer	2	100	2 - 88	1	100	1 - 97
Cerebrovascular Accidents	5	20	5 - 74	2	50	1 - 94
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	100	0 - 97	1	0	0 - 99
Metabolic/Electrolyte Disorders	0	-	-	3	0	2 - 80
Pulmonary Disease	18	33	11 - 54	24	42	14 - 53
Renal Failure	0	-	-	4	50	9 - 88
Severe Acute Heart Disease	5	20	15 - 81	8	38	18 - 77
Severe Chronic Heart Disease	7	14	3 - 64	3	33	1 - 88
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	7	0 - 51	13	0	0 - 97
Gynecologic Disease	4	0	0 -100	0	-	-
Low-Risk Heart Disease	7	14	0 - 79	3	33	0 -100
Musculoskeletal/Skin Conditions	9	11	0 - 92	6	17	0 - 99
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	9	0	0 -100	9	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	122
Occupancy Rate (%):	83
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Hegg Memorial
Health Center

Rock Valley, Iowa 51247

Divisions

Hegg Memorial Hospital
1200 21st Avenue
(712) 476-5305

Valley Manor Nursing
1300 21st Avenue
(712) 476-2831

October 6, 1988

William Roper, M.D.
Health Carre Financing Adm.
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mr. Roper:

This letter is in regard to a response to our Medicare Hospital Mortality Information. We have no comments regarding the study, but do have a few corrections as to the characteristics you listed for our Hospital. The following is the correct information:

Beds: 28 (Hospital) 95 (Long-Term Care - ICF)

Occupancy Rate for 1986: 15.5% (acute) 3% (SNF) 11.9% (ECF) - Hospital
97.4% - Long-Term Care

Licensed Practical Nurses Per Bed: 0% (Hospital)

Coronary Care Unit: Yes

Sincerely,

Justin Cassel,
Administrator

nh

HENRY CO HEALTH CTR

SAUNDERS PARK
MOUNT PLEASANT, IA 52641

Medicare Hospital Provider Number: 160106

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	218	12	10 - 19	267	16	10 - 20
Cancer	1	0	2 - 97	3	0	6 - 80
Cerebrovascular Accidents	18	17	12 - 48	25	28	13 - 49
Gastrointestinal Catastrophes	2	0	5 - 89	2	50	7 - 96
Infectious Disease	3	33	8 - 89	3	100	9 - 82
Metabolic/Electrolyte Disorders	7	14	4 - 65	7	43	5 - 72
Pulmonary Disease	21	29	10 - 49	17	24	11 - 53
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	15	33	18 - 64	18	56	21 - 65
Severe Chronic Heart Disease	14	21	10 - 54	10	30	4 - 61
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	23	0	0 - 44	30	10	0 - 51
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	25	0	0 - 27	29	0	1 - 18
Musculoskeletal/Skin Conditions	20	5	0 - 83	19	11	0 - 92
Neuropsychiatric/Sensory Disease	4	25	0 -100	5	0	0 -100
Urologic Disease	7	0	0 - 94	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 79
Occupancy Rate (%): 58
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 29
Percent of Physicians Who Are Board Certified Specialists: 62
Interns and Residents: 0
Registered Nurses: 39
Licensed Practical Nurses: 3

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

HcHc
Henry County Health Center

October 21, 1988 Hospital ID: 160106

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

To Whom It May Concern:

Henry County Health Center has received and reviewed the 1987 Medicare Hospital Mortality Information Report.

This year HCFA has included other characteristics such as other underlying severe disease conditions and complications that can affect the outcome when predicting rates for a specific disease category. This is an improvement over last year's release. However, when interpreting the rates, it is important to keep in mind that "predicted" rates are nothing more than averages and therefore difficult to determine the quality of care delivered to those patients at Henry County Health Center when looking only at the HCFA mortality information.

The report contains the mortality data of Henry County Health Center as well as the hospital charteristics which must be verified for accuracy. The number of cases and mortalities within Henry County Health Center and those occurring within 30 days are noted to be correct with exceptions in the following hospital charteristics. Henry County Health Center does have a surgical/coronary intensive care unit and a dialysis unit. Henry County Health Center does not have an organ transplant service.

Further interpretation reveals that the deaths occurring in 1987 at Henry County Health Center are within the adjusted average mortality rate. No unusal patterns of care can be identified. The data includes not only inpatient deaths but also those occurring within 30 days of their last admission. Comparing the 1986 mortalities to 1987, there is little variability in the actual and adjusted average mortality rate except in view of reduced number of cases in 1987.

Henry County Health Center has an ongoing program of monitoring and evaluating patient care outcomes. All deaths occurring within the hospital are reviewed on an individual basis. The statistical methods

Saunders Park ▪ Mt. Pleasant, Iowa 52641 ▪ (319) 385-3141

used by HCFA at the present time are at best an adjunct to the Medical Peer Review and are useful as a means of focusing review. No method has, at present, been validated as an indicator of quality.

In conclusion, Henry County Health Center will continue the current method of reviewing quality care to our clients/patients in the community and utilize the HCFA Mortality Report as a guide for further analysis.

Thank you.

Sincerely,

Betty Prill (KA)

Betty Prill, R.N.
Quality Assurance Coordinator

BP:ka

HOLY FAMILY HOSP

326 N 8TH ST
ESTHERVILLE, IA 51334

Medicare Hospital Provider Number: 160002

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	353	11	9 - 17	349	12	8 - 16
Cancer	6	50	8 - 76	3	67	8 - 88
Cerebrovascular Accidents	15	27	10 - 55	8	38	5 - 67
Gastrointestinal Catastrophes	4	50	11 - 87	2	0	1 - 89
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	3	0	2 - 80	4	25	3 - 80
Pulmonary Disease	26	23	15 - 49	27	30	11 - 47
Renal Failure	1	100	3 - 98	0	-	-
Severe Acute Heart Disease	17	35	23 - 67	26	42	27 - 65
Severe Chronic Heart Disease	20	25	8 - 47	11	27	6 - 58
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	30	3	1 - 26	33	6	0 - 32
Gynecologic Disease	6	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	49	2	0 - 18	42	2	1 - 18
Musculoskeletal/Skin Conditions	38	0	1 - 15	48	2	0 - 25
Neuropsychiatric/Sensory Disease	6	0	0 -100	5	0	0 -100
Urologic Disease	14	0	0 - 87	29	3	0 - 57

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	58
Occupancy Rate (%):	43
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	11
Percent of Physicians Who Are Board Certified Specialists:	55
Interns and Residents:	0
Registered Nurses:	42
Licensed Practical Nurses:	11

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	Yes

HORN MEM HOSP

EAST 2ND ST
IDA GROVE, IA 51445

Medicare Hospital Provider Number: 160131

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	216	22	11 - 22	225	19	11 - 22
Cancer	6	67	13 - 79	4	25	16 - 89
Cerebrovascular Accidents	12	33	8 - 59	15	40	9 - 57
Gastrointestinal Catastrophes	2	100	3 - 88	0	-	-
Infectious Disease	2	50	2 - 92	4	25	7 - 81
Metabolic/Electrolyte Disorders	2	50	2 - 92	2	50	4 - 93
Pulmonary Disease	25	44	15 - 53	26	38	14 - 52
Renal Failure	2	50	7 - 96	2	50	3 - 93
Severe Acute Heart Disease	12	50	21 - 73	12	50	16 - 68
Severe Chronic Heart Disease	16	50	6 - 54	16	50	7 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	19	0	1 - 26	20	0	0 - 46
Gynecologic Disease	3	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	15	7	0 - 86	24	13	0 - 57
Musculoskeletal/Skin Conditions	29	10	0 - 48	18	0	0 - 41
Neuropsychiatric/Sensory Disease	4	0	0 -100	2	0	0 -100
Urologic Disease	14	0	0 -100	11	9	0 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	24
Occupancy Rate (%):	54
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	29
Interns and Residents:	0
Registered Nurses:	22
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOWARD CO HOSP

235-8TH AVE WEST
CRESCO, IA 52136

Medicare Hospital Provider Number: 160068

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	190	16	9 - 20	223	11	10 - 19
Cancer	3	67	11 - 92	4	75	8 - 82
Cerebrovascular Accidents	9	22	10 - 64	19	32	13 - 54
Gastrointestinal Catastrophes	3	33	7 - 88	2	50	1 - 92
Infectious Disease	3	33	8 - 89	5	20	8 - 76
Metabolic/Electrolyte Disorders	9	44	7 - 67	3	67	1 - 88
Pulmonary Disease	14	21	7 - 52	18	22	10 - 50
Renal Failure	1	100	3 - 98	2	0	6 - 91
Severe Acute Heart Disease	6	67	12 - 78	7	14	17 - 72
Severe Chronic Heart Disease	13	31	5 - 56	12	8	10 - 49
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	0	0 - 59	19	0	0 - 45
Gynecologic Disease	4	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	22	9	0 - 91	32	3	0 - 32
Musculoskeletal/Skin Conditions	12	0	0 - 85	13	0	0 - 96
Neuropsychiatric/Sensory Disease	1	0	0 -100	4	0	0 -100
Urologic Disease	10	0	0 -100	12	0	0 - 96

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	15
Occupancy Rate (%):	67
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	19
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HUMBOLDT CO MEM HOSP

1000 15TH NORTH BOX 587
HUMBOLDT, IA 50548

Medicare Hospital Provider Number: 160152

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	149	10	7 - 18	165	13	8 - 19
Cancer	1	100	0 - 99	1	100	1 - 97
Cerebrovascular Accidents	6	17	6 - 68	9	11	9 - 57
Gastrointestinal Catastrophes	0	-	-	1	100	1 - 97
Infectious Disease	4	25	5 - 80	3	67	3 - 86
Metabolic/Electrolyte Disorders	1	0	0 -100	4	25	5 - 80
Pulmonary Disease	22	18	10 - 45	23	17	11 - 45
Renal Failure	0	-	-	1	100	3 - 98
Severe Acute Heart Disease	4	0	14 - 77	2	0	6 - 90
Severe Chronic Heart Disease	9	11	5 - 55	9	44	4 - 65
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	16	0	0 - 94	19	5	0 - 47
Gynecologic Disease	1	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	22	0	0 - 35	8	0	0 - 96
Musculoskeletal/Skin Conditions	9	11	0 - 96	12	0	0 -10
Neuropsychiatric/Sensory Disease	3	33	0 -100	2	0	0 -10
Urologic Disease	4	0	0 -100	8	0	0 -10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	55
Ownership/Control:	Local Governmen

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	5
Interns and Residents:	0
Registered Nurses:	22
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

IOWA LUTHERAN HOSP

UNIV AND PENN AVE
DES MOINES, IA 50316

Medicare Hospital Provider Number: 160024

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,558	11	10 - 14	1,479	11	10 - 14
Cancer	53	34	23 - 51	31	45	25 - 61
Cerebrovascular Accidents	53	30	17 - 43	40	13	17 - 40
Gastrointestinal Catastrophes	11	27	18 - 70	10	30	12 - 67
Infectious Disease	25	52	18 - 58	14	43	12 - 63
Metabolic/Electrolyte Disorders	18	17	11 - 50	19	26	7 - 51
Pulmonary Disease	76	32	18 - 41	80	26	19 - 41
Renal Failure	6	50	10 - 82	7	43	6 - 77
Severe Acute Heart Disease	53	42	27 - 55	52	48	27 - 55
Severe Chronic Heart Disease	59	10	17 - 35	54	31	15 - 41
Severe Trauma	1	100	0 - 99	3	0	4 - 79
Gastrointestinal Disease	130	2	2 - 8	106	3	2 - 10
Gynecologic Disease	19	0	0 -100	20	0	0 -100
Low-Risk Heart Disease	129	2	2 - 8	116	2	2 - 9
Musculoskeletal/Skin Conditions	171	2	1 - 7	164	3	1 - 8
Neuropsychiatric/Sensory Disease	64	2	1 - 13	70	1	1 - 11
Urologic Disease	96	1	0 - 10	111	1	1 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	363
Occupancy Rate (%):	62
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	139
Percent of Physicians Who Are Board Certified Specialists	(not available)
Interns and Residents:	17
Registered Nurses:	299
Licensed Practical Nurses:	36

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

IOWA
LUTHERAN
HOSPITAL

University at Penn Avenue, Des Moines, Iowa 50316
515-263-5612

Medicare Provider
#16-0024

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Sirs:

Iowa Lutheran Hospital would like to make the following comments regarding the mortality statistics to be published in December in your publication entitled Medicare Hospital Mortality Information (1987).

1. The number of cases identified in the Severe Trauma category, 1 (one), could only yield a mortality rate of 0% or 100%. This result is totally meaningless due to the sample size

2. The attempt at achieving statistically valid sample sizes by combining patients with diverse diagnoses into "diagnostic categories" leads to clinically irrelevant groups of patients. To use the data to analyze patterns of care among clinically diverse groups of patients is not possible.

3. Mortality rate information in and of itself is of little value. The publication of this data alone tends to assign importance to it which can be easily misinterpreted by healthcare consumers.

A division of Fairview

4. Several elements of the "Hospital Characteristics", as provided to us in your rough draft of information, are incorrect. The correct information, as it was provided to the A.H.A. 1986 survey, is:

Beds(#)	365
Staffing:	
Interns & Residents per bed	.06
Registered Nurses per bed	.86
Licensed Practical Nurses per bed	.13
Speciality Services:	
Shock/Trauma or Burn Unit	no
Organ Transplant Service	no

Sincerely:

Paul C Jorgensen

Paul C. Jorgensen
Assistant Administrator

PCJ/csw

cc: Eric Bundgaard
Mike Quinn, M.D.
Kevin Cunningham, M.D.
N.L. Saxton, M.D.
Jim VandeBerg
Mel Willits

IOWA METHODIST MED CTR

1200 PLEASANT ST
DES MOINES, IA 50308

Medicare Hospital Provider Number: 160082

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,341	11	9 - 13	4,058	11	10 - 14
Cancer	194	30	28 - 47	176	31	30 - 49
Cerebrovascular Accidents	123	27	18 - 36	92	24	17 - 36
Gastrointestinal Catastrophes	38	29	19 - 52	32	28	24 - 59
Infectious Disease	40	40	22 - 55	35	37	25 - 59
Metabolic/Electrolyte Disorders	43	30	19 - 51	35	26	15 - 48
Pulmonary Disease	140	26	19 - 37	136	29	19 - 38
Renal Failure	28	21	10 - 60	22	18	15 - 66
Severe Acute Heart Disease	150	37	29 - 47	180	38	31 - 48
Severe Chronic Heart Disease	95	26	15 - 34	102	17	17 - 33
Severe Trauma	23	39	12 - 55	16	25	11 - 57
Gastrointestinal Disease	272	2	2 - 7	276	3	2 - 7
Gynecologic Disease	37	3	0 -100	33	0	0 -100
Low-Risk Heart Disease	516	4	2 - 6	442	5	2 - 7
Musculoskeletal/Skin Conditions	714	1	1 - 4	645	1	1 - 4
Neuropsychiatric/Sensory Disease	119	5	1 - 13	116	3	1 - 9
Urologic Disease	185	1	0 - 6	184	1	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	680
Occupancy Rate (%):	68
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	492
Percent of Physicians Who Are Board Certified Specialists:	95
Interns and Residents:	41
Registered Nurses:	685
Licensed Practical Nurses:	20

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

1200 Pleasant Street, Des Moines, Iowa 50309, (515) 283-6550

IOWA METHODIST MEDICAL CENTER

An Iowa Methodist Health System Hospital

William W. Miller
Senior Vice President—Finance

September 26, 1988

Health Standards and Quality Bureau, HCFA
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We wish to take this opportunity to comment on information to be included in the Medicare Hospital Mortality Information release, specifically, hospital characteristics that have been obtained from information from the 1986 Annual Survey of Hospitals. The data reviewed indicated Iowa Methodist had 392 beds during the survey year and this is in error. We have attached page 9 of the 1986 Annual Survey of Hospitals that clearly indicates along with the 392 general medical/surgical adult beds, that there are 48 pediatric beds, a 30-bed OB unit, 22 psychiatric beds, 40 chemical beds, 12 ICU beds, 12 cardiac intensive care beds, 36 neonatal intensive care beds, 6 pediatric intensive care beds, 6 burn care beds, 76 rehabilitation beds, and 30 newborn nursery bassinets for a total of 710 beds. It would seem that the hospital characteristic section of the mortality report information would be more complete if the total beds were indicated as opposed to just the adult medical/surgical units.

Additionally, there is an indication of the number of physicians and the percentage which are board certified. Again, we attach a copy of the submitted 1986 Annual Survey, this time page 21, that indicates of the 239 active and associate medical staff, 199 or 83.3% of the membership are board certified.

If I can provide further information or clarification, please feel free to contact me at 515-283-6550.

Sincerely,

William W. Miller

WWM:kr
Attachments

JACKSON CO PUBLIC HOSP

700 W GROVE ST
MAQUOKETA, IA 52060

Medicare Hospital Provider Number: 160056

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	447	15	11 - 19	497	14	10 - 17
Cancer	7	57	14 - 77	11	55	20 - 74
Cerebrovascular Accidents	27	19	17 - 48	29	31	17 - 51
Gastrointestinal Catastrophes	3	33	3 - 86	1	0	0 - 98
Infectious Disease	7	14	9 - 66	8	25	6 - 66
Metabolic/Electrolyte Disorders	18	39	10 - 57	17	29	7 - 53
Pulmonary Disease	31	16	13 - 42	36	25	12 - 43
Renal Failure	7	43	11 - 80	3	33	4 - 88
Severe Acute Heart Disease	19	47	22 - 65	20	70	25 - 64
Severe Chronic Heart Disease	23	48	11 - 51	22	18	12 - 46
Severe Trauma	1	0	0 - 99	0	-	-
Gastrointestinal Disease	46	4	1 - 22	50	0	0 - 12
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	54	4	1 - 16	75	1	2 - 10
Musculoskeletal/Skin Conditions	44	0	1 - 12	39	0	0 - 15
Neuropsychiatric/Sensory Disease	9	0	0 -100	7	0	0 -100
Urologic Disease	3	33	0 -100	3	33	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	59
Occupancy Rate (%):	56
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	14
Percent of Physicians Who Are Board Certified Specialists:	71
Interns and Residents:	0
Registered Nurses:	53
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

JEFFERSON CO HOSP

400 HIGHLAND
FAIRFIELD, IA 52556

Medicare Hospital Provider Number: 160115

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	292	10	9 - 16	359	16	9 - 18
Cancer	4	75	13 - 86	10	40	17 - 72
Cerebrovascular Accidents	16	25	9 - 52	28	46	13 - 50
Gastrointestinal Catastrophes	1	100	2 - 97	0	-	-
Infectious Disease	5	0	10 - 66	3	0	7 - 80
Metabolic/Electrolyte Disorders	6	17	3 - 69	6	17	3 - 69
Pulmonary Disease	15	20	7 - 50	21	24	11 - 49
Renal Failure	2	0	8 - 92	1	100	2 - 97
Severe Acute Heart Disease	16	19	21 - 61	16	31	17 - 61
Severe Chronic Heart Disease	12	33	4 - 58	21	48	11 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	36	3	1 - 21	33	3	1 - 24
Gynecologic Disease	8	13	0 -100	5	0	0 -100
Low-Risk Heart Disease	44	5	1 - 23	64	3	1 - 14
Musculoskeletal/Skin Conditions	35	0	1 - 16	34	3	0 - 38
Neuropsychiatric/Sensory Disease	4	0	0 -100	10	10	0 -100
Urologic Disease	2	0	0 -100	9	0	0 - 98

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	67
Occupancy Rate (%):	64
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	11
Percent of Physicians Who Are Board Certified Specialists:	55
Interns and Residents:	0
Registered Nurses:	35
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

KEOKUK AREA HOSP

1600 MORGAN ST
KEOKUK, IA 52632

Medicare Hospital Provider Number: 160008

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	850	13	9 - 15	844	15	10 - 16
Cancer	33	52	27 - 63	29	41	22 - 59
Cerebrovascular Accidents	43	33	15 - 44	32	41	14 - 48
Gastrointestinal Catastrophes	6	33	8 - 75	4	50	4 - 82
Infectious Disease	6	67	11 - 77	8	63	12 - 73
Metabolic/Electrolyte Disorders	18	22	5 - 49	10	10	3 - 54
Pulmonary Disease	59	34	13 - 40	68	31	18 - 42
Renal Failure	5	60	10 - 84	1	100	2 - 97
Severe Acute Heart Disease	34	47	24 - 57	43	44	27 - 58
Severe Chronic Heart Disease	35	23	12 - 41	33	30	11 - 43
Severe Trauma	1	100	1 - 97	0	-	-
Gastrointestinal Disease	101	1	1 - 8	68	4	0 - 18
Gynecologic Disease	7	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	89	4	1 - 14	80	1	1 - 9
Musculoskeletal/Skin Conditions	72	0	0 - 9	70	3	1 - 14
Neuropsychiatric/Sensory Disease	16	0	0 - 78	20	0	0 - 76
Urologic Disease	25	4	0 - 98	32	0	0 - 26

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	117
Occupancy Rate (%):	55
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	26
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

KEOKUK CO HOSP

SOUTH MAIN RR3
SIGOURNEY, IA 52591

Medicare Hospital Provider Number: 160120

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	82	16	15 - 32	123	17	11 - 25
Cancer	1	100	2 - 98	0	-	-
Cerebrovascular Accidents	2	50	3 - 92	3	33	3 - 86
Gastrointestinal Catastrophes	1	0	1 - 97	0	-	-
Infectious Disease	1	0	1 - 97	1	0	1 - 97
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 -100
Pulmonary Disease	21	14	14 - 47	18	39	14 - 58
Renal Failure	3	67	8 - 90	0	-	-
Severe Acute Heart Disease	9	11	24 - 71	10	20	19 - 68
Severe Chronic Heart Disease	5	20	4 - 74	8	75	12 - 69
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	3	0	0 -100	9	0	0 - 65
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	8	13	0 - 95	24	4	1 - 32
Musculoskeletal/Skin Conditions	5	0	0 -100	10	0	0 - 59
Neuropsychiatric/Sensory Disease	2	0	0 -100	0	-	-
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	33
Occupancy Rate (%):	49
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	28
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

KNOXVILLE AREA COMM HOSP

1002 SOUTH LINCOLN
KNOXVILLE, IA 50138

Medicare Hospital Provider Number: 160114

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	381	10	8 - 15	414	15	10 - 18
Cancer	9	33	13 - 70	8	50	12 - 74
Cerebrovascular Accidents	18	11	9 - 43	17	24	12 - 53
Gastrointestinal Catastrophes	1	100	1 - 97	1	100	3 - 98
Infectious Disease	1	0	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	15	27	11 - 57	18	22	14 - 56
Pulmonary Disease	28	29	14 - 49	31	23	13 - 45
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	9	56	15 - 73	27	44	22 - 59
Severe Chronic Heart Disease	24	13	9 - 39	23	26	10 - 46
Severe Trauma	1	100	2 - 97	0	-	-
Gastrointestinal Disease	47	6	0 - 27	42	7	0 - 46
Gynecologic Disease	2	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	44	0	1 - 12	49	2	0 - 18
Musculoskeletal/Skin Conditions	39	3	0 - 30	38	8	0 - 39
Neuropsychiatric/Sensory Disease	15	0	0 - 88	7	14	0 -100
Urologic Disease	11	9	0 - 98	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	59
Occupancy Rate (%):	56
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	25
Percent of Physicians Who Are Board Certified Specialists:	28
Interns and Residents:	0
Registered Nurses:	39
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

KOSSUTH CO HOSP

HWY 169 SOUTH
ALGONA, IA 50511

Medicare Hospital Provider Number: 160143

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%
All Cases	199	10	7 - 16	222	14	9 - 19
Cancer	0	-	-	2	100	6 - 90
Cerebrovascular Accidents	4	25	3 - 79	6	33	8 - 74
Gastrointestinal Catastrophes	0	-	-	2	50	3 - 92
Infectious Disease	1	100	1 - 97	2	50	3 - 92
Metabolic/Electrolyte Disorders	2	50	0 - 95	3	0	3 - 79
Pulmonary Disease	14	21	9 - 53	12	33	15 - 66
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	10	30	19 - 72	19	42	21 - 64
Severe Chronic Heart Disease	19	11	11 - 43	18	33	8 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	31	0	0 - 27	39	3	0 - 26
Gynecologic Disease	3	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	19	5	0 - 59	24	4	0 - 42
Musculoskeletal/Skin Conditions	19	5	0 - 81	17	0	0 - 77
Neuropsychiatric/Sensory Disease	4	0	0 -100	4	0	0 -100
Urologic Disease	3	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	32
Occupancy Rate (%):	38
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	31
Percent of Physicians Who Are Board Certified Specialists:	87
Interns and Residents:	0
Registered Nurses:	24
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LAMB JANE MEM HOSP

638 S BLUFF BLVD
CLINTON, IA 52732

Medicare Hospital Provider Number: 160080

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	694	10	8 - 14	714	13	9 - 15
Cancer	14	29	20 - 67	20	50	25 - 68
Cerebrovascular Accidents	29	17	11 - 41	30	33	12 - 46
Gastrointestinal Catastrophes	3	0	11 - 84	8	50	5 - 69
Infectious Disease	8	38	10 - 71	8	50	12 - 73
Metabolic/Electrolyte Disorders	15	27	8 - 55	6	17	1 - 73
Pulmonary Disease	40	15	14 - 39	58	24	11 - 36
Renal Failure	1	0	3 - 98	1	100	1 - 97
Severe Acute Heart Disease	33	33	23 - 55	29	45	26 - 62
Severe Chronic Heart Disease	32	41	8 - 43	33	27	12 - 44
Severe Trauma	1	0	0 - 99	1	0	0 - 97
Gastrointestinal Disease	65	3	0 - 19	57	2	1 - 14
Gynecologic Disease	11	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	69	1	1 - 11	58	5	0 - 21
Musculoskeletal/Skin Conditions	60	2	0 - 17	72	1	0 - 12
Neuropsychiatric/Sensory Disease	85	2	0 - 20	59	0	0 - 14
Urologic Disease	15	0	0 -100	21	5	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	130
Occupancy Rate (%):	52
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	62
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	94
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LORING HOSPITAL

HIGHLAND AVE
SAC CITY, IA 50583

Medicare Hospital Provider Number: 160091

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	178	12	10 - 20	181	13	8 - 18
Cancer	3	67	10 - 91	5	40	12 - 83
Cerebrovascular Accidents	5	60	5 - 77	6	33	8 - 74
Gastrointestinal Catastrophes	1	100	0 -100	2	50	2 - 92
Infectious Disease	2	0	2 - 88	1	0	0 - 98
Metabolic/Electrolyte Disorders	3	0	1 - 84	1	0	0 -100
Pulmonary Disease	17	12	12 - 47	11	18	7 - 56
Renal Failure	1	100	3 - 98	1	0	1 - 97
Severe Acute Heart Disease	20	35	21 - 62	12	25	18 - 66
Severe Chronic Heart Disease	7	0	5 - 52	5	0	2 - 64
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	18	0	0 - 59	14	0	0 - 85
Gynecologic Disease	1	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	14	0	0 - 77	8	0	0 - 95
Musculoskeletal/Skin Conditions	8	0	0 - 95	26	4	0 - 41
Neuropsychiatric/Sensory Disease	5	20	0 -100	7	14	0 -100
Urologic Disease	4	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	54
Occupancy Rate (%):	46
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	14
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LUCAS CO MEM HOSP

1200 NORTH 7TH
CHARITON, IA 50049

Medicare Hospital Provider Number: 160061

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	204	17	11 - 21	251	16	10 - 19
Cancer	5	40	11 - 82	3	0	4 - 79
Cerebrovascular Accidents	14	29	12 - 58	8	25	9 - 66
Gastrointestinal Catastrophes	0	-	-	4	100	21 - 84
Infectious Disease	5	40	8 - 79	2	0	0 - 94
Metabolic/Electrolyte Disorders	9	44	16 - 75	3	67	7 - 88
Pulmonary Disease	20	25	7 - 47	33	24	18 - 49
Renal Failure	1	100	2 - 97	1	100	3 - 98
Severe Acute Heart Disease	5	40	11 - 81	4	50	8 - 84
Severe Chronic Heart Disease	18	28	9 - 50	20	25	8 - 47
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	17	0	0 - 41	23	0	0 - 43
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	22	9	0 - 74	28	7	0 - 48
Musculoskeletal/Skin Conditions	18	6	0 - 75	22	5	0 - 57
Neuropsychiatric/Sensory Disease	2	0	0 -100	6	0	0 -100
Urologic Disease	4	0	0 -100	10	30	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	56
Occupancy Rate (%):	23
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	14
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MADISON CO MEM HOSP

300 HUTCHINGS
WINTERSET, IA 50273

Medicare Hospital Provider Number: 160052

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	146	18	11 - 24	187	16	8 - 19
Cancer	1	100	0 -100	4	75	11 - 84
Cerebrovascular Accidents	4	25	6 - 80	8	50	7 - 69
Gastrointestinal Catastrophes	1	0	0 -100	2	0	2 - 88
Infectious Disease	0	-	-	1	100	1 - 97
Metabolic/Electrolyte Disorders	3	67	3 - 86	6	33	3 - 74
Pulmonary Disease	20	30	13 - 53	26	27	10 - 46
Renal Failure	4	75	11 - 87	0	-	-
Severe Acute Heart Disease	8	50	22 - 82	2	100	5 - 89
Severe Chronic Heart Disease	12	42	6 - 60	10	30	7 - 62
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	17	0	0 - 35	20	5	0 - 94
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	18	0	0 - 34	22	0	0 - 28
Musculoskeletal/Skin Conditions	9	11	0 - 98	14	0	0 - 64
Neuropsychiatric/Sensory Disease	2	0	0 -100	3	0	0 -100
Urologic Disease	6	0	0 -100	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	35
Occupancy Rate (%):	20
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	49
Percent of Physicians Who Are Board Certified Specialists:	92
Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MAHASKA CO HOSP

1229 C AVE E
OSKALOOSA, IA 52577

Medicare Hospital Provider Number: 160050

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	453	14	9 - 17	462	14	9 - 16
Cancer	7	29	13 - 74	7	71	10 - 72
Cerebrovascular Accidents	34	38	13 - 46	24	42	15 - 54
Gastrointestinal Catastrophes	0	-	-	2	50	3 - 92
Infectious Disease	2	0	5 - 89	3	0	7 - 81
Metabolic/Electrolyte Disorders	9	44	4 - 67	20	25	9 - 51
Pulmonary Disease	27	22	14 - 47	23	22	9 - 45
Renal Failure	0	-	-	1	0	3 - 98
Severe Acute Heart Disease	21	29	24 - 62	24	29	25 - 61
Severe Chronic Heart Disease	35	20	11 - 39	21	33	8 - 48
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	45	4	0 - 34	44	0	0 - 17
Gynecologic Disease	8	0	0 -100	3	33	0 -100
Low-Risk Heart Disease	57	5	0 - 21	54	6	1 - 20
Musculoskeletal/Skin Conditions	27	7	0 - 58	41	7	0 - 44
Neuropsychiatric/Sensory Disease	5	0	0 -100	16	0	0 - 87
Urologic Disease	21	5	0 - 84	18	0	0 - 96

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	53
Occupancy Rate (%):	36
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	13
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	42
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MANNING GEN HOSP

410-416 MAIN ST
MANNING, IA 51455

Medicare Hospital Provider Number: 160111

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	132	15	9 - 22	139	12	10 - 21
Cancer	5	60	7 - 79	5	40	13 - 83
Cerebrovascular Accidents	9	11	7 - 56	4	0	4 - 70
Gastrointestinal Catastrophes	1	100	0 - 99	1	0	0 - 99
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	1 - 97	1	0	2 -100
Pulmonary Disease	18	33	11 - 54	16	25	10 - 54
Renal Failure	2	50	7 - 98	1	100	3 - 99
Severe Acute Heart Disease	2	100	9 - 93	9	33	20 - 76
Severe Chronic Heart Disease	9	33	6 - 64	5	0	3 - 63
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	10	0	1 - 52	11	27	0 - 89
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	9	0	0 - 65	15	0	0 - 43
Musculoskeletal/Skin Conditions	13	0	0 - 99	12	0	0 - 95
Neuropsychiatric/Sensory Disease	8	13	0 -100	7	0	0 - 99
Urologic Disease	6	0	0 - 99	4	0	0 - 92

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	41
Occupancy Rate (%):	59
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	40
Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MARENGO MEM HOSP

300 WEST MAY ST
MARENGO, IA 52301

Medicare Hospital Provider Number: 160073

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	62	18	7 - 27	90	17	6 - 22
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	1	0	0 - 98	1	100	0 - 98
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 98
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	4	0	3 - 71	6	33	2 - 74
Pulmonary Disease	13	23	8 - 55	9	44	5 - 66
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	2	50	7 - 95	4	50	10 - 85
Severe Chronic Heart Disease	5	20	4 - 74	9	11	5 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	3	33	0 -100	5	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	6	17	0 -100	11	0	0 - 97
Musculoskeletal/Skin Conditions	3	0	0 -100	12	25	0 - 99
Neuropsychiatric/Sensory Disease	0	-	-	3	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	44
Occupancy Rate (%):	75
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MARIAN HEALTH CENTER

801 5TH ST
SIOUX CITY, IA 51102

Medicare Hospital Provider Number: 160153

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,151	11	10 - 14	2,820	13	11 - 15
Cancer	111	42	34 - 56	116	43	31 - 54
Cerebrovascular Accidents	105	27	16 - 35	100	27	18 - 37
Gastrointestinal Catastrophes	27	30	20 - 57	42	29	16 - 48
Infectious Disease	37	30	23 - 55	40	32	23 - 55
Metabolic/Electrolyte Disorders	26	23	11 - 48	16	38	10 - 58
Pulmonary Disease	134	22	19 - 37	119	25	19 - 38
Renal Failure	31	48	23 - 73	23	17	15 - 66
Severe Acute Heart Disease	163	31	28 - 45	138	42	31 - 50
Severe Chronic Heart Disease	111	32	15 - 34	120	28	17 - 35
Severe Trauma	9	33	6 - 66	4	25	1 - 84
Gastrointestinal Disease	196	4	1 - 8	179	4	1 - 9
Gynecologic Disease	17	0	0 -100	19	0	0 -100
Low-Risk Heart Disease	493	4	2 - 6	403	4	2 - 7
Musculoskeletal/Skin Conditions	276	2	1 - 6	280	1	1 - 5
Neuropsychiatric/Sensory Disease	166	1	1 - 6	167	1	1 - 7
Urologic Disease	169	1	1 - 6	135	3	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	484
Occupancy Rate (%):	58
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	116
Percent of Physicians Who Are Board Certified Specialists:	82
Interns and Residents:	0
Registered Nurses:	491
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

Marian
Health Center

Medicare Provider No. 160153

COMMENTS ON THE HCFA MORTALITY DATA (C/Y 1987)
MARIAN HEALTH CENTER
SIOUX CITY, IOWA

I. Data Verification

The data for our hospital as reported by HCFA has been reviewed. The data indicates that 289 Medicare patients died at Marian Health Center within 30 days of admission. An additional 56 patients reportedly died following discharge. Our data confirms the 289 deaths reported within the hospital. The other 56 patients were indeed hospitalized at Marian, but we have no way to confirm their deaths or the cause thereof. We also cannot verify the total number of cases used in the HCFA data.

The data listed, Hospital Characteristics, and taken from the AHA 1986 survey as abstracted is not reflective of the true condition. This hospital has 484 beds licensed and the 55 percent occupancy rate relates to that number. The total number of physicians who are active in the medical staff should be 150 and the percent certified 75 percent. The number of registered nurses per bed is based on the wrong number of beds and does not reflect adjustment for the part-time employees which compose a significant portion of the staff. The specialty service designations need clarification. We do not have an organ transplant service but do provide donor service. Hospice care, including inpatient beds, is available at MHC through a subsidiary, Amicare.

In the category, Trauma, many major causes of trauma have been excluded, such as skull fracture and major chest injuries.

II. Interpretive Remarks

- The hospital's mortality rate falls within the predicted mortality ranges in all 16 categories.
- Our mortality rate is in the mid to lower range in most cases.
- Mortality rates are in the upper normal range for cancer, neurologic disease and severe cardiac problems. This correlates with the hospital's function as a tertiary referral center for complex cases within these categories.
- Marian Health Center has a relatively high casemix index for Medicare patients and reflects a high severity of illness. Factoring co-morbidities is a very poor correlation to severity of illness.

- Valid conclusions about quality of care cannot be made utilizing mortality data alone.

- Mortality figures alone cannot be used to make valid comparisons of quality of care from one hospital to another.

- The change in mechanism for grouping of trauma cases appears to make that grouping less meaningful.

III. Perceived Defects and Information

- No explanation is given for determining predicted range.

- Principal diagnosis is sometimes not the same as cause of death.

- The study includes deaths outside the hospital without verifying the actual cause of these deaths. Relating them to previous hospital principal diagnoses lacks validity.

- A true severity of illness index must be incorporated for validity. Simply counting co-morbid diagnoses is extremely variable.

- Not counting deaths more than 30 days after admission when the patient was still hospitalized is questionable.

- To comply with HCFA, we have converted all data to DRG's. We have become comfortable with this system and now a new grouping mechanism has been thrust upon us. This presents problems in verification and comparisons.

ELV:mg

MARSHALLTOWN AREA COMM HOSP

3 S 4TH AVE
MARSHALLTOWN, IA 50158

Medicare Hospital Provider Number: 160001

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,550	11	8 - 13	1,625	10	8 - 13
Cancer	26	54	28 - 66	35	60	27 - 61
Cerebrovascular Accidents	56	36	16 - 42	50	26	16 - 41
Gastrointestinal Catastrophes	13	31	18 - 68	14	29	16 - 64
Infectious Disease	16	13	13 - 51	16	38	18 - 65
Metabolic/Electrolyte Disorders	31	23	12 - 46	43	14	11 - 39
Pulmonary Disease	73	25	16 - 38	98	26	16 - 36
Renal Failure	3	67	4 - 88	7	71	14 - 82
Severe Acute Heart Disease	55	51	30 - 58	57	42	26 - 52
Severe Chronic Heart Disease	66	30	13 - 36	67	21	12 - 33
Severe Trauma	3	0	6 - 80	1	0	0 - 99
Gastrointestinal Disease	116	3	1 - 10	141	1	1 - 7
Gynecologic Disease	18	0	0 -100	17	0	0 -100
Low-Risk Heart Disease	145	3	1 - 9	168	2	2 - 8
Musculoskeletal/Skin Conditions	149	2	0 - 8	146	2	0 - 8
Neuropsychiatric/Sensory Disease	260	1	1 - 5	235	2	0 - 6
Urologic Disease	52	4	0 - 35	39	3	0 - 53

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	176
Occupancy Rate (%):	50
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	54
Percent of Physicians Who Are Board Certified Specialists:	85
Interns and Residents:	0
Registered Nurses:	99
Licensed Practical Nurses:	23

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MCDONALD JOHN HOSP

WEST 1ST ST
MONTICELLO, IA 52310

Medicare Hospital Provider Number: 160119

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	105	12	8 - 21	117	7	6 - 17
Cancer	0	-	-	1	0	0 - 98
Cerebrovascular Accidents	5	20	5 - 74	4	0	4 - 70
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	2	50	3 - 92	0	-	-
Metabolic/Electrolyte Disorders	3	67	3 - 86	1	0	0 -100
Pulmonary Disease	10	20	8 - 59	12	25	8 - 58
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	4	25	13 - 86	3	67	5 - 87
Severe Chronic Heart Disease	9	22	6 - 61	11	9	5 - 49
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	7	0	0 - 99	11	0	0 - 95
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	13	8	0 - 94	13	0	0 - 76
Musculoskeletal/Skin Conditions	11	0	0 -100	8	0	0 - 93
Neuropsychiatric/Sensory Disease	2	0	0 -100	2	0	0 -100
Urologic Disease	3	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	38
Occupancy Rate (%):	42
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	14
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MERCY HEALTH CTR

MERCY DRIVE
DUBUQUE, IA 52001

Medicare Hospital Provider Number: 160069

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,580	9	7 - 11	2,448	11	8 - 12
Cancer	58	21	24 - 49	46	30	21 - 50
Cerebrovascular Accidents	95	21	16 - 34	92	22	18 - 37
Gastrointestinal Catastrophes	9	22	11 - 66	16	44	13 - 62
Infectious Disease	15	13	18 - 58	34	29	20 - 54
Metabolic/Electrolyte Disorders	31	26	12 - 48	40	25	11 - 43
Pulmonary Disease	84	26	14 - 35	96	29	15 - 36
Renal Failure	12	58	18 - 78	7	29	12 - 79
Severe Acute Heart Disease	96	38	24 - 46	106	40	27 - 48
Severe Chronic Heart Disease	121	24	14 - 31	105	23	15 - 33
Severe Trauma	4	0	2 - 72	7	14	6 - 66
Gastrointestinal Disease	215	4	1 - 8	155	4	1 - 10
Gynecologic Disease	20	0	0 -100	29	3	0 -100
Low-Risk Heart Disease	335	3	2 - 6	327	5	1 - 7
Musculoskeletal/Skin Conditions	288	2	1 - 6	260	2	1 - 5
Neuropsychiatric/Sensory Disease	306	2	1 - 6	228	3	0 - 8
Urologic Disease	89	0	0 - 8	90	2	0 - 21

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	400
Occupancy Rate (%):	62
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	146
Percent of Physicians Who Are Board Certified Specialists:	72
Interns and Residents:	0
Registered Nurses:	323
Licensed Practical Nurses:	14

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MERCY HEALTH CENTER
MERCY DRIVE / DUBUQUE, IA 52001 / PH. 319-589-8000
A Division of the Sisters of Mercy Health Corporation
St. Mary's Unit, Dyersville, IA 52040, PH. 319-875-7101

Medicare Provider No.
600692

October 18, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Again this year Mercy Health Center's actual mortality rate falls within or below the range for predicted mortality. Listed below are some of the concerns that we continue to have with this process as well as concerns identified with the 1987 proposed release.

- Hospital characteristics reported for Mercy Health Center should read as follows:

	1986	1987
Beds (staffed) #:	340	340
Occupancy Rate (%):	55	57
Ownership/Control:	Church	Church
Total Number of Physicians:	154	146
Percent of Physicians Who Are Board Certified Specialists (%):	70	72
Interns and Residents Per Bed:	0	0
Registered Nurses Per Bed:	1.05	.95
Licensed Practical Nurses Per Bed:	.06	.03
Specialty Services:		
Shock/Trauma or Burn Unit	yes	yes
Coronary Care Unit	yes	yes
Organ Transplant Service:	no	no
Hospice Care:	no	no

- We question the rationale for including some cancer codes under "All Causes" rather than under the category "Cancer". The codes which are not included in the cancer category are: V58.1, 182.0, 154.0, 188.9, 174.9, 185, 153.6, 173.3, 153.2, 153.9, 196.0, 173.0, 193, 154.1, 153.8, 148.1, 152.9, 170.0, 153.0, 154.1, 153.4, 173.3, 171.6.

- The predicted mortality rates are nothing more than averages. The statistical methods used to predict the mortality rates can only identify the likelihood with which the hospital's mortality rates differ from the average. These methods cannot say why the rates differ or whether those differences mean anything in regard to the quality of care provided at that hospital.

- Because the data includes patients who died within 30 days after last admission regardless of cause of death or where death occurred, hospitals are unable to quickly verify this information or relate it to any quality factors which may have affected patient care. (The person may have died in a car accident.)

It seems to be HCFA's intent to continue to publish these mortality rates each year in spite of the fact that the data lead to serious problems of misinterpretation and invalid conclusions. HCFA admits that the mortality data does not deal with complex issues such as severity of illness of the patients and recommends against the use of the information by itself to make judgments about the quality of care in an individual hospital or to make comparisons among hospitals. HCFA states precisely that "Individual hospitals may have very good reasons for their rates being higher than the ranges predicted by HCFA's model." (HCFA to Hospital Administrators, September 1988.)

For what purpose does HCFA present the information to the general public when the obvious results will be the public's comparison of one hospital against another and the drawing of invalid conclusions regarding quality of care? The publication of inconclusive and misleading data is a disservice both to the public and to the healthcare providers as well as costly in itself.

If HCFA continues to publish the mortality data, it is imperative that the agency reveal to the public the limitations of the data, emphasizing that the information is not valid as a basis for comparison of hospitals nor as an indicator for quality of care. It would also be important to publish for the public the expenses incurred in gathering this data, in publishing it, and in validating it. The dollars expended for this endeavor could be put to better use in providing actual care to those in need.

Sincerely,

Sister Helen Huewe, OSF.

Sister Helen Huewe, OSF
President

SHH/lp

MERCY HOSP

800 MERCY DR BOX 1-C
COUNCIL BLUFFS, IA 51502

Medicare Hospital Provider Number: 160028

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,389	12	9 - 14	1,443	11	9 - 14
Cancer	46	41	30 - 61	36	36	28 - 61
Cerebrovascular Accidents	32	34	16 - 49	51	18	16 - 39
Gastrointestinal Catastrophes	3	100	9 - 82	11	9	15 - 58
Infectious Disease	9	44	14 - 73	13	23	15 - 63
Metabolic/Electrolyte Disorders	23	48	10 - 53	24	25	14 - 52
Pulmonary Disease	98	30	18 - 39	82	27	17 - 39
Renal Failure	5	60	13 - 87	5	60	18 - 93
Severe Acute Heart Disease	49	45	24 - 53	45	49	26 - 56
Severe Chronic Heart Disease	55	24	12 - 36	60	22	13 - 35
Severe Trauma	0	-	-	2	0	5 - 89
Gastrointestinal Disease	126	4	1 - 10	117	3	1 - 10
Gynecologic Disease	11	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	160	4	2 - 9	141	4	1 - 10
Musculoskeletal/Skin Conditions	115	3	1 - 10	150	2	1 - 8
Neuropsychiatric/Sensory Disease	119	1	1 - 7	149	1	0 - 8
Urologic Disease	54	2	0 - 39	40	0	0 - 24

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	284
Occupancy Rate (%):	53
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	79
Percent of Physicians Who Are Board Certified Specialists:	61
Interns and Residents:	0
Registered Nurses:	150
Licensed Practical Nurses:	17

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

MERCY HOSPITAL

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

I would like to take this opportunity on behalf of Mercy Hospital to respond to the Medicare hospital mortality information as received by our hospital from HCFA in September, 1988. Our hospital shares your concern for high quality patient care and it is in this light that I respond to your findings.

In the high risk diagnostic category of gastro-intestinal catastrophes, it would appear that Mercy Hospital exceeded the expected range for predicted mortality. The statistics demonstrate an actual mortality rate of 100%. Mercy Hospital would emphasize the small sample of patients falling into this diagnostic category (3) and add the additional significant information regarding these three patients. All three patients were admitted to Mercy Hospital in a terminal state and a "No Code" status was requested by the physician in each of these three cases. Their diagnoses included acute hepatic failure secondary to chronic cirrhosis, mesenteric thrombosis, and severe peritonitis secondary to a ruptured stomach/exposure. The sample included a 97-year old patient. Unfortunately a severity of illness indexing is not incorporated into the mortality statistics. In addition, the statistical validity of a sample of three cases is questionable at best.

In our concern for the delivery of quality patient care at Mercy Hospital, each patient's chart is reviewed by specialists in quality assurance while the patient is hospitalized. This review includes screening the chart for appropriateness of medical management and delivery of quality patient care. In addition, the medical record of an expired patient is reviewed by medical staff retrospectively to determine if any change in medical management might have been made. There were no recommendations made by the medical staff members reviewing the records of the three patients who appear as gastro-intestinal catastrophes in your mortality statistics.

P.O. Box 1C Council Bluffs, IA 51502 (712) 328-5000

We share your commitment to improving the quality of health care in our country. We hope these comments add additional accuracy to the information you will publish.

Sincerely,

Charles E Monico

Charles E. Monico
Vice President

/ld

MERCY HOSP

500 MARKET ST
IOWA CITY, IA 52240

Medicare Hospital Provider Number: 160029

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,030	10	9 - 13	2,058	9	8 - 12
Cancer	90	29	25 - 48	66	33	26 - 52
Cerebrovascular Accidents	110	24	17 - 34	102	27	19 - 38
Gastrointestinal Catastrophes	13	23	13 - 61	10	50	16 - 73
Infectious Disease	20	45	13 - 57	12	33	11 - 63
Metabolic/Electrolyte Disorders	8	38	4 - 68	17	12	12 - 50
Pulmonary Disease	75	21	14 - 36	83	16	15 - 35
Renal Failure	2	50	1 - 93	2	100	10 - 95
Severe Acute Heart Disease	89	34	27 - 49	75	35	28 - 51
Severe Chronic Heart Disease	79	28	13 - 34	87	23	15 - 34
Severe Trauma	4	0	4 - 71	0	-	-
Gastrointestinal Disease	169	2	1 - 7	196	3	1 - 7
Gynecologic Disease	37	0	0 -100	29	0	0 -100
Low-Risk Heart Disease	189	2	2 - 7	193	3	1 - 7
Musculoskeletal/Skin Conditions	248	2	0 - 6	273	1	1 - 5
Neuropsychiatric/Sensory Disease	154	1	1 - 7	148	1	0 - 7
Urologic Disease	104	0	1 - 6	89	3	0 - 17

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	240
Occupancy Rate (%):	58
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	101
Percent of Physicians Who Are Board Certified Specialists:	90
Interns and Residents:	0
Registered Nurses:	167
Licensed Practical Nurses:	13

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Mercy Hospital
500 Market Street • Iowa City, IA 52245 (319) 337-0500

October 20, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Washington, D.C. 20201

Dear Dr. Roper:

We appreciate the opportunity to review our data and your willingness to publish comments. While the data appear accurate and useful, please note these comments regarding the HCFA Medicare Hospital Mortality Information (1987):

- In two of the diagnostic categories, Mercy Hospital Iowa City has less than five cases. Because data from such a small population are extremely questionable, we recommend explanatory notation with publication. If presented without explanation, we anticipate invalid conclusions in these two categories--renal failure and severe trauma.

- There appears to be a lack of consistency within the "Hospital Characteristics" data. The number of beds was limited to general medical/surgical beds, yet the occupancy rate was based on total beds. We also note that there was no differentiation between full-time and part-time nurses in "Registered Nurses Per Occupied Bed." Of even greater concern is the inaccuracy of the reported "Percent of Physicians Who are Board Certified Specialists." We calculate 90 percent from the 1987 data, and have concluded that you omit certain board certified specialists, despite the care they provide Medicare patients.

- Our intensive cardiac care is provided in a combined intensive care unit, and we suggest that you add this classification to the "Speciality Services" category. We also suggest that you exclude outpatient services, such as trauma, from your list, since these data concern inpatients.

In summary, while we have concerns relative to the lack of consistency inherent in "Hospital Characteristics," we appreciate your continuing efforts to provide relevant, valid data.

Sincerely,

Sister Mary Venarda

Sister Mary Venarda, R.S.M.
Chief Executive Officer

An affiliate of Mercycenter Iowa City

MERCY HOSP

701 10TH ST SE
CEDAR RAPIDS, IA 52403

Medicare Hospital Provider Number: 160079

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,607	12	10 - 14	2,495	11	10 - 14
Cancer	103	45	28 - 52	90	33	28 - 52
Cerebrovascular Accidents	109	26	17 - 35	94	26	18 - 37
Gastrointestinal Catastrophes	21	33	18 - 60	22	18	15 - 52
Infectious Disease	29	38	19 - 56	27	41	18 - 57
Metabolic/Electrolyte Disorders	36	33	17 - 51	36	33	10 - 45
Pulmonary Disease	149	26	18 - 36	148	26	17 - 35
Renal Failure	9	44	12 - 77	22	45	18 - 73
Severe Acute Heart Disease	84	42	29 - 52	80	38	27 - 50
Severe Chronic Heart Disease	79	20	15 - 34	100	20	16 - 33
Severe Trauma	6	67	7 - 75	9	11	11 - 62
Gastrointestinal Disease	240	3	1 - 7	196	2	1 - 7
Gynecologic Disease	27	0	0 -100	21	0	0 -100
Low-Risk Heart Disease	267	4	1 - 7	246	7	1 - 9
Musculoskeletal/Skin Conditions	313	3	1 - 6	305	1	1 - 5
Neuropsychiatric/Sensory Disease	70	1	1 - 12	68	3	1 - 15
Urologic Disease	116	3	0 - 14	107	3	1 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	429
Occupancy Rate (%):	70
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	214
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	10
Registered Nurses:	345
Licensed Practical Nurses:	29

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

mercy
HOSPITAL

Medicare Provider #160079

October 21, 1988

Health Standards and Quality Bureau
HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Maryland 21207

Dear Mrs. Kappert:

This letter serves as Mercy Hospital's formal comment on the Medicare Mortality Data recently supplied to us by the Health Care Financing Administration (HCFA). We have comments to make regarding both the statistical information presented as well as the Hospital Characteristics section of the document.

As in the past the Medicare Mortality Data provided by HCFA includes all Medicare patients who die within 30 days of admission at hospital. This would include Medicare patients who died after discharge from the hospital. Additionally, only the last inpatient admission of a Medicare patient is included in the total number of cases reviewed.

The 1987 HCFA data provided to Mercy Hospital indicates that 2,607 Medicare patients were considered in the statistical model. According to our records, 3,984 Medicare discharges occurred in 1987. This difference is presumably attributed to HCFA's account of only the last inpatient admission of Medicare patients. As a result, the data in its current form somewhat misrepresents the Medicare hospitalization picture. For example, a patient might have had a series of admissions at the hospital during the course of one year followed by death away from the hospital at some point after the last discharge. The fact that the hospital had been able to return the patient to some functioning health level allowing discharge several times prior to the last admission would not be reflected in the data. The overall picture of that patients hospitalization as well as the possibility of a declining health status generally throughout the year is ignored.

The hospital's figures for calendar year 1986 and 1987 are well within the range for predicted mortality. One additional comment is necessary regarding the diagnostic category, Severe Trauma. Only 6 patients were included in the category of severe trauma during 1987. Four of those died in the hospital. Although the actual mortality rate is 67% it is again within the range of predicted mortality. It should be noted that the average age of the four patients expiring in this category was 87 years. We feel that suggesting that actual mortality rate in a hospital for severe trauma is 67% again misrepresents the picture of those hospitalizations to the public. The number of cases in the sample too small and clarifying data such as age and type of injury is absent.

Mercy Hospital • 701 10th Street S.E. • Cedar Rapids, Iowa 52403 • (319) 398-6011

We found it somewhat difficult to comment on the Hospital Characteristics section of the report. Evidently, the data was derived from our 1986 annual survey submitted to the American Hospital Association. The data listed on your report was, in certain cases, in error and inconsistent with information provided to the American Hospital Association. Specifically:

A. Bed Number
You report 210 beds at the hospital. We do have 210 medical/surgical beds but 353 acute care beds in total. In addition, we have 29 skilled beds and 47 other long term beds for a total of 429 beds in the institution. We do not know what you are defining as a bed for the purposes of the report. Thus, we cannot correct your figure other than to qualify the 210 to say that that is our medical/surgical adult bed count only. The 353 bed figure would include other acute services such as pediatrics, coronary care, psychiatry, intensive care and pediatric intensive care.

B. Occupancy Rate
In a similar fashion, we cannot comment on occupancy rate because we do not know what bed number the calculation is based on.

C. Number of Physicians
In 1986 we reported 210 total medical staff members. Your report reflects 200.

D. Percentage Board Certified
Of the 210 physicians on staff at Mercy, 156 are board certified. This means that 74% of our total staff are board certified. Your report reflects only 47%.

E. Registered Nurses/LPNs per bed
We can not correct your figure as we, as in A above, do not know your definition of a bed.

F. Specialty Services
The hospital has a coronary care unit, does not do organ transplants, and has a non-inpatient Hospice program. Incorrect statements regarding these services were included in your report.

There are a number of problems with the Hospital Characteristics section of the report. Data has been incorrectly excerpted from the 1986 Annual Survey of Hospitals. There are also a number of definitional problems that could lead to misunderstanding of the data by the public at large. We would strongly recommend that this information not be released to the public until those problems are resolved.

Finally, we must again voice our concern regarding the release of the mortality information to the public. Even Dr. Roper is his September 15, 1988 letter, recognizes the inherent problems with the model and the risk of using the mortality figures as a measure of quality. We recommend not publishing the data unless the obvious problems with the system are resolved.

Sincerely,

Nan Quillen for/

A. James Tinker
Administrator & CEO

MERCY HOSP OF FRANCISCAN SISTERS

201-8TH AVE SE
OELWEIN, IA 50662

Medicare Hospital Provider Number: 160135

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	182	16	7 - 19	220	15	8 - 19
Cancer	0	-	-	1	0	2 - 98
Cerebrovascular Accidents	6	17	6 - 68	6	100	14 - 63
Gastrointestinal Catastrophes	1	0	0 - 99	2	50	1 - 92
Infectious Disease	0	-	-	5	0	12 - 69
Metabolic/Electrolyte Disorders	5	40	4 - 78	4	0	4 - 71
Pulmonary Disease	15	27	9 - 55	18	11	13 - 47
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	7	86	12 - 68	11	64	18 - 70
Severe Chronic Heart Disease	23	26	7 - 44	13	23	7 - 54
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	13	0	0 - 82	20	5	0 - 85
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	18	6	0 - 74	26	4	0 - 40
Musculoskeletal/Skin Conditions	12	8	0 - 94	21	5	0 - 78
Neuropsychiatric/Sensory Disease	4	25	0 -100	5	40	0 -100
Urologic Disease	10	0	0 -100	10	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	20
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MERCY HOSPITAL

WEST CENTRAL PARK AT MARQUETTE
DAVENPORT, IA 52804

Medicare Hospital Provider Number: 160033

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,829	13	8 - 13	1,824	14	8 - 13
Cancer	80	51	27 - 52	76	53	28 - 54
Cerebrovascular Accidents	76	24	15 - 36	79	32	14 - 36
Gastrointestinal Catastrophes	15	53	15 - 64	12	25	8 - 59
Infectious Disease	11	36	13 - 67	20	35	17 - 60
Metabolic/Electrolyte Disorders	21	33	8 - 51	31	26	6 - 43
Pulmonary Disease	77	29	15 - 37	79	30	13 - 36
Renal Failure	4	50	8 - 86	5	60	14 - 89
Severe Acute Heart Disease	67	43	24 - 50	56	38	24 - 51
Severe Chronic Heart Disease	76	30	13 - 35	74	32	12 - 34
Severe Trauma	5	20	5 - 75	9	89	8 - 59
Gastrointestinal Disease	160	4	1 - 10	144	6	1 - 11
Gynecologic Disease	13	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	141	1	1 - 7	173	5	1 - 10
Musculoskeletal/Skin Conditions	312	2	1 - 5	267	2	0 - 6
Neuropsychiatric/Sensory Disease	82	2	0 - 18	104	2	0 - 14
Urologic Disease	45	0	0 - 46	54	2	0 - 31

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	265
Occupancy Rate (%):	72
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	256
Percent of Physicians Who Are Board Certified Specialists:	66
Interns and Residents:	0
Registered Nurses:	300
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MERCY HOSPITAL

West Central Park at Marquette • Davenport, Iowa 52804 • 319-383-1000

October 14, 1988

Health Standards and Quality Bureau HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The following are our comments relative to the upcoming publication, "Medicare Hospital Mortality Information (1987)". You mentioned in your September 15, 1988 letter that, "In an exercise of this size, it is possible that there are errors in the data used to conduct the analysis". We have the following comments as a result of our analysis:

1. From the data presented we could not reconcile our internal statistics to your report. We have no record of deaths occurring after discharge from our hospital.

2. The data accompanying your report detailed all discharges whereas the HCFA mortality report considers only the most recent discharge. As we stated in our comments relative to your initial report for 1986, your computation method overstates the mortality rate(s) for the overall hospital and specific groups.

   For example, our internal mortality report shows that we recorded 195 deaths listed by HCFA which occurred upon discharge. These deaths, however, had 355 total discharges for the same period. Thus, it can be assumed that this is most likely representative of our entire Medicare patient volume. Therefore, our aggregate mortality data percentage should approximate 5.9% for our hospital instead of 13.0% as listed by you in your report.

Yours truly,

MERCY H OSPITAL

H. G. Smith
President

HGS:
cd

Affiliated with Misericordia Health Systems, Inc.

MERCY HOSPITAL

BOX 368 ROSARY DRIVE
CORNING, IA 50841

Medicare Hospital Provider Number: 160041

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	170	12	8 - 19	164	9	9 - 18
Cancer	2	50	1 - 92	2	50	6 - 94
Cerebrovascular Accidents	5	20	6 - 74	10	20	10 - 61
Gastrointestinal Catastrophes	1	0	1 - 97	0	-	-
Infectious Disease	1	0	0 - 99	1	0	1 - 97
Metabolic/Electrolyte Disorders	4	50	5 - 83	0	-	-
Pulmonary Disease	14	14	9 - 50	14	14	14 - 54
Renal Failure	2	100	6 - 90	0	-	-
Severe Acute Heart Disease	7	29	18 - 78	7	14	16 - 72
Severe Chronic Heart Disease	8	13	6 - 59	3	0	3 - 79
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	24	4	0 - 40	24	0	1 - 24
Gynecologic Disease	3	0	0 -100	0	-	-
Low-Risk Heart Disease	21	0	0 - 44	9	11	0 - 99
Musculoskeletal/Skin Conditions	16	0	0 - 80	16	0	0 - 83
Neuropsychiatric/Sensory Disease	4	25	0 -100	6	0	0 -100
Urologic Disease	8	13	0 - 93	3	33	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	23
Occupancy Rate (%):	52
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MERCY HOSPITAL MED CTR

SIXTH AND UNIVERSITY
DES MOINES, IA 50314

Medicare Hospital Provider Number: 160083

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	5,169	11	9 - 13	4,921	12	10 - 14
Cancer	110	46	31 - 54	139	35	30 - 51
Cerebrovascular Accidents	186	23	18 - 33	166	28	20 - 36
Gastrointestinal Catastrophes	47	34	19 - 51	17	35	20 - 66
Infectious Disease	36	33	20 - 54	40	38	19 - 53
Metabolic/Electrolyte Disorders	65	25	11 - 39	76	25	11 - 37
Pulmonary Disease	229	31	18 - 34	238	28	20 - 36
Renal Failure	25	40	15 - 67	23	43	14 - 69
Severe Acute Heart Disease	304	26	29 - 43	268	35	31 - 46
Severe Chronic Heart Disease	209	31	17 - 31	223	27	18 - 31
Severe Trauma	13	31	10 - 61	13	31	9 - 61
Gastrointestinal Disease	411	4	2 - 7	333	3	2 - 6
Gynecologic Disease	34	0	0 -100	34	0	0 -100
Low-Risk Heart Disease	930	4	2 - 5	848	4	3 - 6
Musculoskeletal/Skin Conditions	455	2	1 - 5	441	3	1 - 5
Neuropsychiatric/Sensory Disease	175	2	1 - 7	182	2	1 - 7
Urologic Disease	229	4	0 - 9	205	0	1 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	500
Occupancy Rate (%):	86
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	230
Percent of Physicians Who Are Board Certified Specialists:	77
Interns and Residents:	0
Registered Nurses:	661
Licensed Practical Nurses:	60

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

MERCY HOSPITAL MEDICAL CENTER

October 21, 1988

Medicare Provider No. 16-00-83

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Department of Health and Human Services
Washington, D.C. 20201

Dear Dr. Roper:

We are pleased to once again have the opportunity to review the latest mortality rate data. It is gratifying for us that the mortality rates of the Medicare patients at Mercy Hospital Medical Center fall within the accepted predicted mortality ranges. We are also pleased that we are given the opportunity to comment on the data, as reflected in your study.

Data Verification

Hospitals would find it helpful to have the secondary diagnoses indicated on the material provided. It also would be helpful if secondary procedures would be indicated by code number. If this is not possible, at least the total number of diagnoses and procedures for each case would be beneficial. Also, using DRG code numbers would be more in keeping with the record keeping of most hospitals.

The selection of 30 days as the arbitrary cutoff date for inclusion of patients in the mortality rate figures is also questionable. We feel a definite need for a different methodology that examines the deaths that have a direct correlation to the admitting diagnosis. For instance, a person who dies on the 31st day following the admitting diagnosis would not be counted in your mortality figures. But persons discharged from the hospital and later struck by a car and killed within 30 days of admission would, as we understand it, be counted in the hospital's mortality figures. The use of an arbitrary cutoff date methodology is objectionable and should be changed.

Unique Services Appearing to Result in Higher than Average Mortality

According to your figures, Mercy Hospital Medical Center had a mortality rate of 31 percent in the area of Severe Chronic Heart Disease (which includes rheumatic heart failure [congestive]; hypertensive heart disease with congestive cardiomyopathies; congestive heart failure; and acute edema of lung, unspecified). The range of predicted mortality rates in this category is 17 to 31 percent. We feel it is important to address this category, because - while our rates are clearly acceptable - it appears that we are at the high end of that range. This is misleading since under your statistical calculation where a hospital falls in the range of predicted mortality rates is not significant.

Further, as you are well aware, Medicare patients are either already disabled or aged, and they are at much higher risk than the general census as a whole. Because of the age and frequent infirmity of many Medicare patients, they are much more susceptible to the items cited in this category. It is important that your interpretive remarks accompanying the release of the mortality information stress that these patients are at higher risk than the general population, thus the mortality rate is expected to be higher for them than it would be for the general public.

We are so concerned about the veracity of your extrapolations and the implications that they will have that we once again re-emphasize the need for explicit caveats concerning the limitations of this data when the information is released in December.

Mercy Hospital is a regional center of heart care, and patients from throughout the state of Iowa and neighboring states are transferred to Mercy for cardiac care. This is especially true of the high-risk patient and the terminal or near-terminal patient, who are sent to Mercy for care after physicians throughout the state have exercised all of their capabilities without satisfactory results. As a result, many of the heart patients who entered the doors of Mercy Hospital are close to death at the time of admission. (A review of the figures indicates that a high number of those patients actually die in the first or second day of care. Without life support systems available to paramedics now, many of these patients would have been declared dead before ever arriving on our premises). There is no feasible way that care can be initiated at that time to reverse the long trend that has preceded hospitalization at Mercy.

This is especially true of the diagnoses in this category. The cure for cardiomyopathy is a heart transplant. And while transplants are performed at Mercy, there are not enough donor hearts available to transplant all cardiomyopathy patients, even those who fit all the other requirements for transplantation.

Congestive heart failure can be controlled, but there is no cure, so it is a chronic debillitating condition that can lead to death.

The Des Moines area is limited in the available number of skilled nursing care beds. We have even opened our own skilled nursing facility in an effort to meet those needs. Even so, there is still a significant shortage of skilled care beds. Therefore, many patients with chronic cardiac degenerative conditions who could be transferred from the hospital to a skilled care bed are forced to stay in the hospital because there is no place else for them to go. Conversely, we receive patients with chronic cardiac degenerative conditions who might more suitably be served in skilled care beds if they were available.

We commend your efforts at producing meaningful statistics that can be used by the American health consumer. We recognize that you are aware of the shortcomings in the present system. We hope your pledge to continue to refine these statistics so they can be more meaningful in the future will be met.

Sincerely,

John Kolosky
Senior Vice President

JK:bb

MERRILL-PIONEER COMM HOSP

801 S GREENE ST
ROCK RAPIDS, IA 51246

Medicare Hospital Provider Number: 160051

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	148	16	11 - 24	194	18	12 - 24
Cancer	6	17	19 - 80	2	50	4 - 93
Cerebrovascular Accidents	10	10	10 - 54	18	39	13 - 56
Gastrointestinal Catastrophes	1	0	1 - 97	1	0	0 - 97
Infectious Disease	2	0	3 - 88	5	20	10 - 77
Metabolic/Electrolyte Disorders	9	33	5 - 65	2	100	6 - 90
Pulmonary Disease	6	17	11 - 72	14	36	13 - 62
Renal Failure	2	100	11 - 97	1	100	3 - 98
Severe Acute Heart Disease	8	63	16 - 75	6	33	12 - 77
Severe Chronic Heart Disease	15	47	7 - 56	16	25	17 - 59
Severe Trauma	1	0	2 - 97	0	-	-
Gastrointestinal Disease	13	0	0 - 70	10	0	0 - 79
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	14	0	0 - 48	20	0	0 - 43
Musculoskeletal/Skin Conditions	11	0	0 - 61	17	0	0 - 38
Neuropsychiatric/Sensory Disease	1	0	0 -100	4	0	0 -100
Urologic Disease	8	0	0 -100	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	30
Occupancy Rate (%):	20
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MITCHELL CO MEMORIAL HOSP

616 N 8TH ST
OSAGE, IA 50461

Medicare Hospital Provider Number: 160108

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	341	16	9 - 18	353	10	9 - 16
Cancer	14	50	17 - 67	9	56	16 - 74
Cerebrovascular Accidents	16	31	10 - 55	13	23	10 - 56
Gastrointestinal Catastrophes	2	50	1 - 94	1	0	1 - 97
Infectious Disease	4	25	4 - 80	5	20	10 - 77
Metabolic/Electrolyte Disorders	6	17	6 - 69	2	0	0 - 97
Pulmonary Disease	24	13	12 - 42	16	38	7 - 54
Renal Failure	1	100	0 - 97	1	100	2 - 97
Severe Acute Heart Disease	18	44	19 - 63	19	32	24 - 65
Severe Chronic Heart Disease	19	26	7 - 48	25	12	10 - 39
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	31	10	0 - 78	33	3	1 - 25
Gynecologic Disease	4	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	36	11	0 - 41	45	4	1 - 22
Musculoskeletal/Skin Conditions	42	5	0 - 26	46	0	1 - 12
Neuropsychiatric/Sensory Disease	8	13	0 -100	9	11	0 - 99
Urologic Disease	6	0	0 -100	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	40
Occupancy Rate (%):	38
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	26
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	20
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MONROE CO HOSP

BOX G-310 AVERY RD
ALBIA, IA 52531

Medicare Hospital Provider Number: 160077

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	218	14	7 - 17	231	15	9 - 19
Cancer	3	100	16 - 89	4	75	10 - 83
Cerebrovascular Accidents	7	14	6 - 63	4	25	6 - 80
Gastrointestinal Catastrophes	1	0	1 - 97	3	33	3 - 86
Infectious Disease	5	20	11 - 78	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 99	1	0	1 - 97
Pulmonary Disease	15	40	9 - 57	26	19	13 - 45
Renal Failure	3	67	5 - 88	2	100	10 - 95
Severe Acute Heart Disease	7	57	15 - 78	6	67	18 - 83
Severe Chronic Heart Disease	5	20	2 - 74	12	25	8 - 57
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	27	4	1 - 30	25	0	0 - 29
Gynecologic Disease	2	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	29	3	1 - 25	19	5	0 - 68
Musculoskeletal/Skin Conditions	27	7	0 - 78	23	0	1 - 22
Neuropsychiatric/Sensory Disease	4	25	0 -100	6	17	0 -100
Urologic Disease	17	0	0 - 82	7	14	1 - 69

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	46
Occupancy Rate (%):	57
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	43
Interns and Residents:	0
Registered Nurses:	16
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MONTGOMERY CO MEM HOSP

1201 HIGHLAND AVE
RED OAK, IA 51566

Medicare Hospital Provider Number: 160090

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	605	11	10 - 16	669	9	11 - 16
Cancer	6	0	15 - 65	7	43	12 - 75
Cerebrovascular Accidents	21	29	13 - 52	32	22	17 - 47
Gastrointestinal Catastrophes	0	-	-	2	50	3 - 92
Infectious Disease	23	26	17 - 56	27	22	19 - 54
Metabolic/Electrolyte Disorders	4	25	2 - 82	4	50	3 - 82
Pulmonary Disease	50	20	17 - 41	60	18	21 - 44
Renal Failure	1	0	2 - 97	3	33	4 - 87
Severe Acute Heart Disease	25	44	23 - 62	19	53	24 - 67
Severe Chronic Heart Disease	25	12	14 - 42	32	13	16 - 42
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	73	1	1 - 11	64	3	1 - 14
Gynecologic Disease	4	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	84	6	1 - 15	106	1	2 - 8
Musculoskeletal/Skin Conditions	49	10	0 - 38	73	1	1 - 11
Neuropsychiatric/Sensory Disease	1	0	0 -100	11	0	0 - 98
Urologic Disease	28	0	1 - 21	23	0	1 - 24

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	59
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	11
Percent of Physicians Who Are Board Certified Specialists:	91
Interns and Residents:	0
Registered Nurses:	31
Licensed Practical Nurses:	16

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MUNICIPAL HOSP

17TH WELLS
CLARINDA, IA 51632

Medicare Hospital Provider Number: 160043

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	270	16	10 - 20	302	16	8 - 18
Cancer	7	43	6 - 71	4	100	14 - 77
Cerebrovascular Accidents	13	46	10 - 61	10	30	10 - 64
Gastrointestinal Catastrophes	2	0	9 - 93	0	-	-
Infectious Disease	1	0	0 - 99	0	-	-
Metabolic/Electrolyte Disorders	3	33	0 - 91	4	25	1 - 82
Pulmonary Disease	18	17	12 - 49	15	13	13 - 51
Renal Failure	0	-	-	2	100	11 - 96
Severe Acute Heart Disease	30	57	24 - 60	18	50	19 - 63
Severe Chronic Heart Disease	7	29	4 - 68	18	39	8 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	28	0	0 - 33	41	2	0 - 26
Gynecologic Disease	1	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	26	8	0 - 42	28	14	0 - 61
Musculoskeletal/Skin Conditions	18	0	0 - 54	20	0	0 - 59
Neuropsychiatric/Sensory Disease	5	0	0 -100	10	0	0 -100
Urologic Disease	9	0	0 - 95	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	31
Occupancy Rate (%):	36
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	31
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	16

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MUSCATINE GENERAL HOSP

1518 MULBERRY AVE
MUSCATINE, IA 52761

Medicare Hospital Provider Number: 160013

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	676	14	10 - 16	651	13	10 - 16
Cancer	16	38	16 - 62	14	43	15 - 65
Cerebrovascular Accidents	33	15	15 - 41	30	27	14 - 46
Gastrointestinal Catastrophes	8	38	11 - 72	5	40	4 - 78
Infectious Disease	17	35	16 - 62	15	47	16 - 65
Metabolic/Electrolyte Disorders	4	0	1 - 75	9	22	6 - 62
Pulmonary Disease	45	38	15 - 45	39	33	16 - 47
Renal Failure	3	33	11 - 93	0	-	-
Severe Acute Heart Disease	56	41	26 - 53	43	47	27 - 58
Severe Chronic Heart Disease	27	19	10 - 41	29	10	12 - 37
Severe Trauma	0	-	-	2	0	3 - 88
Gastrointestinal Disease	44	0	0 - 15	52	4	0 - 25
Gynecologic Disease	10	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	84	2	1 - 11	94	4	1 - 13
Musculoskeletal/Skin Conditions	69	4	0 - 31	65	3	0 - 22
Neuropsychiatric/Sensory Disease	19	0	0 - 90	16	13	0 -100
Urologic Disease	31	0	0 - 32	30	3	0 - 54

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	80
Occupancy Rate (%):	48
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	42
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NORTH IOWA MED CENTER

901 N EISENHOWER AVE
MASON CITY, IA 50401

Medicare Hospital Provider Number: 160059

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,099	7	8 - 13	1,015	7	8 - 12
Cancer	27	33	21 - 58	20	35	18 - 60
Cerebrovascular Accidents	29	21	13 - 44	22	36	14 - 54
Gastrointestinal Catastrophes	9	11	14 - 64	8	38	11 - 72
Infectious Disease	15	13	17 - 56	14	29	14 - 62
Metabolic/Electrolyte Disorders	19	5	6 - 39	15	7	4 - 43
Pulmonary Disease	35	17	16 - 43	26	23	15 - 49
Renal Failure	5	80	14 - 85	2	100	11 - 97
Severe Acute Heart Disease	43	40	24 - 54	31	35	26 - 59
Severe Chronic Heart Disease	39	10	13 - 35	44	20	14 - 39
Severe Trauma	1	100	0 - 98	0	-	-
Gastrointestinal Disease	123	1	1 - 7	120	1	1 - 7
Gynecologic Disease	13	0	0 -100	15	0	0 -100
Low-Risk Heart Disease	89	2	1 - 10	93	0	1 - 6
Musculoskeletal/Skin Conditions	132	0	1 - 5	145	2	1 - 8
Neuropsychiatric/Sensory Disease	29	0	0 - 21	23	0	0 - 60
Urologic Disease	108	0	0 - 6	92	0	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 64
Occupancy Rate (%): 73
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 44
Percent of Physicians Who Are Board Certified Specialists: 84
Interns and Residents: 0
Registered Nurses: 63
Licensed Practical Nurses: 22

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

NORTHWEST IOWA HEALTH CENTER

118 N 7TH ST
SHELDON, IA 51201

Medicare Hospital Provider Number: 160126

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	180	16	6 - 18	157	14	10 - 22
Cancer	2	50	4 - 92	2	0	3 - 88
Cerebrovascular Accidents	6	33	4 - 73	11	18	13 - 60
Gastrointestinal Catastrophes	1	0	0 - 99	1	100	2 - 97
Infectious Disease	1	0	0 - 99	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	2	50	4 - 93
Pulmonary Disease	11	18	6 - 56	10	10	9 - 54
Renal Failure	1	0	3 - 99	1	100	3 - 99
Severe Acute Heart Disease	9	67	17 - 73	8	50	14 - 75
Severe Chronic Heart Disease	12	50	6 - 60	16	44	11 - 58
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	27	4	0 - 42	23	0	0 - 44
Gynecologic Disease	2	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	13	8	0 - 94	17	0	1 - 30
Musculoskeletal/Skin Conditions	28	0	0 - 30	9	0	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	2	0	0 -100
Urologic Disease	8	0	0 -100	3	0	0 - 92

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 88
Occupancy Rate (%): 75
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 4
Percent of Physicians Who Are Board Certified Specialists: 100
Interns and Residents: 0
Registered Nurses: 13
Licensed Practical Nurses: 8

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ORANGE CITY MUN HOSP

115 4TH ST NW
ORANGE CITY, IA 51041

Medicare Hospital Provider Number: 160074

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	217	8	8 - 17	199	12	10 - 19
Cancer	3	0	10 - 83	3	100	10 - 83
Cerebrovascular Accidents	9	22	10 - 64	13	38	10 - 60
Gastrointestinal Catastrophes	1	0	2 - 97	1	0	3 - 99
Infectious Disease	2	100	3 - 88	2	0	4 - 89
Metabolic/Electrolyte Disorders	4	25	1 - 85	3	0	2 - 80
Pulmonary Disease	17	12	13 - 49	15	20	13 - 55
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	5	20	13 - 79	10	50	20 - 76
Severe Chronic Heart Disease	14	14	8 - 49	14	21	6 - 51
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	31	0	1 - 16	31	0	0 - 20
Gynecologic Disease	2	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	24	0	0 - 30	14	7	0 - 77
Musculoskeletal/Skin Conditions	14	0	0 - 69	16	0	0 - 90
Neuropsychiatric/Sensory Disease	8	0	0 - 71	4	0	0 -100
Urologic Disease	12	0	0 - 84	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	43
Occupancy Rate (%):	63
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	20
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

16-0074

ORANGE CITY
MUNICIPAL HOSPITAL

115 4th St. N.W.
Orange City, IA 51041
(712) 737-4984

October 4, 1988

Health Standards and Quality Bureau, HCFA
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert,

I would like to express my concern about the data, and its intended uses, from the Medicare Hospital Mortality Information. I do not feel that the data is statistically valid due to the small number of cases for our hospital. Furthermore the patient's age and co-existing diseases are not taken into account.

The hospital characteristics data is incorrect for our hospital. This type of data should not be published. It has no relevance or purpose in this report.

Sincerely,

Stephen L. Goeser
Administrator

SLG:mp

OSCEOLA COMM HOSP

110 CEDAR
SIBLEY, IA 51249

Medicare Hospital Provider Number: 160130

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	205	18	11 - 22	190	11	9 - 19
Cancer	9	78	26 - 79	5	60	11 - 82
Cerebrovascular Accidents	8	0	11 - 52	10	30	7 - 62
Gastrointestinal Catastrophes	2	50	4 - 93	0	-	-
Infectious Disease	4	50	6 - 83	4	0	6 - 71
Metabolic/Electrolyte Disorders	3	0	0 - 94	3	33	0 - 95
Pulmonary Disease	15	47	11 - 59	18	22	12 - 52
Renal Failure	5	80	15 - 86	1	100	2 - 97
Severe Acute Heart Disease	9	33	17 - 73	5	20	12 - 78
Severe Chronic Heart Disease	16	19	10 - 50	11	9	12 - 53
Severe Trauma	0	-	-	1	0	0 - 97
Gastrointestinal Disease	30	7	0 - 60	22	0	0 - 44
Gynecologic Disease	4	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	11	0	0 - 53	19	0	0 - 43
Musculoskeletal/Skin Conditions	16	0	1 - 33	19	0	0 - 44
Neuropsychiatric/Sensory Disease	7	0	0 -100	8	13	0 - 77
Urologic Disease	9	0	0 - 97	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	32
Occupancy Rate (%):	34
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	16
Percent of Physicians Who Are Board Certified Specialists:	94
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

OTTUMWA REGIONAL HTH CTR

1001 E PENNSYLVANIA
OTTUMWA, IA 52501

Medicare Hospital Provider Number: 160089

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,623	11	10 - 14	1,265	13	10 - 15
Cancer	30	40	22 - 58	26	38	20 - 58
Cerebrovascular Accidents	94	28	18 - 38	63	29	18 - 42
Gastrointestinal Catastrophes	10	30	10 - 65	5	60	7 - 79
Infectious Disease	13	31	11 - 61	13	38	12 - 63
Metabolic/Electrolyte Disorders	13	23	17 - 64	11	55	13 - 68
Pulmonary Disease	74	28	15 - 38	56	29	14 - 40
Renal Failure	4	50	7 - 86	2	50	3 - 93
Severe Acute Heart Disease	73	36	28 - 52	77	31	30 - 53
Severe Chronic Heart Disease	87	13	16 - 32	61	26	13 - 37
Severe Trauma	2	0	2 - 88	1	0	0 - 98
Gastrointestinal Disease	134	7	1 - 12	100	5	1 - 14
Gynecologic Disease	19	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	146	1	1 - 7	144	4	1 - 10
Musculoskeletal/Skin Conditions	200	4	1 - 9	155	3	0 - 10
Neuropsychiatric/Sensory Disease	69	3	0 - 17	52	2	0 - 20
Urologic Disease	59	2	0 - 18	55	0	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	253
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	124
Licensed Practical Nurses:	39

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	Yes

Ottumwa Regional
Health Center

October 21, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert;

On behalf of Ottumwa Regional Health Center, Ottumwa, Iowa 52501 (Provider ID 160089) I would like to comment on the inclusion of the Hospital Characteristics on the "Medicare Hospital Mortality Information".

First I believe that the necessity of this information on the Mortality Data Sheet is questionable at best. The information displayed does not begin to measure the thousands of elements which impact quality in a hospital and are at best going to confuse the public more. Secondly I would suggest that if you intend to publish this information that you gather it correctly.

The number of beds reported is the general Medical/Surgical beds and not the Total Acute Facility. The Specialty Services section does not correspond to answers provided on the AHA 1986 survey. Additionally the Percent of Physicians that are Board certified was done incorrectly and the Registered and Licensed Practical Nurses per bed was calculated solely based upon full time employees and doesn't consider part time employees at all.

Please see the enclosed Data Sheet for Ottumwa Regional which notes our actual submitted data in the 1986 survey.

Thank you for considering these points.

Sincerely,

Douglas T. Wilson

Douglas T. Wilson
Vice President

Enclosure

1001 East Pennsylvania Avenue
515-682-7511

312 East Alta Vist
515-684-4651

PALMER MEM HOSP

112 JEFFERSON ST
WEST UNION, IA 52175

Medicare Hospital Provider Number: 160129

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	205	16	11 - 21	231	16	12 - 22
Cancer	2	100	11 - 94	2	50	6 - 94
Cerebrovascular Accidents	21	19	11 - 46	19	42	12 - 55
Gastrointestinal Catastrophes	2	0	2 - 88	2	50	2 - 92
Infectious Disease	0	-	-	3	0	9 - 82
Metabolic/Electrolyte Disorders	1	100	3 - 99	5	20	1 - 81
Pulmonary Disease	22	9	17 - 46	20	30	13 - 53
Renal Failure	2	100	10 - 95	2	0	8 - 92
Severe Acute Heart Disease	12	42	17 - 69	17	41	22 - 67
Severe Chronic Heart Disease	10	60	9 - 65	16	38	9 - 55
Severe Trauma	0	-	-	1	0	2 - 97
Gastrointestinal Disease	27	0	0 - 32	14	0	0 - 42
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	19	5	0 - 45	20	0	0 - 49
Musculoskeletal/Skin Conditions	19	5	0 - 64	17	6	0 - 92
Neuropsychiatric/Sensory Disease	5	0	0 -100	4	0	0 -100
Urologic Disease	7	0	0 -100	9	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	30
Occupancy Rate (%):	40
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	40
Interns and Residents:	0
Registered Nurses:	21
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PALMER
MEMORIAL
HOSPITAL
112 JEFFERSON ST.
WEST UNION, IOWA 521
PHONE 422-3811

October 19, 1988

Health Standards & Quality Bureau, HCFA
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, MD 21207

Dear Mrs. Kappert:

This is in response to Palmer Memorial Hospital's Medicare Hospital Mortality Information for 1987.

I would like to address the hospital characteristics listed on our information sheet. It did say under specialty services that we did not have a coronary care unit or a hospice care unit.

We do have a special care unit which takes care of not only coronary but also intensive medical/surgical patients. Since it is not classified as a specific coronary care unit, we did not fit under this specialty service category.

Hospice care is a specific Medicare approved program, and although we do not provide that here at Palmer we do have a hospice room and accept patients who are not expected to survive their hospital stay for terminal care.

The technical description and analysis of the mortality rate does explain that it's only the patient's last hospital discharge that is counted. Thus the many patients that we accept in our facility from other institutes to be closer to home for terminal care will be listed as deaths in our facility instead of the treatment hospital which rendered most of the patient care. This is acceptable because one of our goals as a primary care hospital is to meet patient and family needs. Being closer to home with family, friends and church is better provided at Palmer. We do realize that will be reflected in our mortality information.

Under the range of predictable mortality, as you have stated, "The fewer the number of cases included in the given diagnostic category, the greater the uncertainty of the expected mortality range and therefore the wider of the range." With several of our classifications having only one or two patients it makes statistical information or trending almost impossible. The new 17 distinct diagnostic categories will be much more helpful to the larger facilities which can better project out what is being trended in their facilities. To a rural primary care hospital it simply makes our group so small that the plus-minus factor of reliable statistics is questionable.

We have requested our Metabolic/Electrolyte Disturbance death be re-classified as a cancer death, and we hope that will be reflected in our study since the patient had end-stage metastatic cancer.

As a hospital that is very concerned about access to care for people and the quality of care provided, this mortality information is gone over by the entire management team with evalution on an individual case basis to continue to maintain and approve the quality of care in our facility.
Our cancer deaths were all anticipated deaths of patients being transferred here for their terminal care which we were pleased to be able to provide.

The Renal Failure category had two patient deaths. These patients presented with renal failure and were known terminal and unable to survive on admission to our facility. That is an acceptable statistic for that category.

It was pleasing to us to see our pulmonary disease category, although nearly stable in admissions, dropped in mortality to nearly 9%. A strong push in aggressive pulmonary care with continuous education has been a goal of our facility and it is showing in this statistic.

The number of patients per category with the acceptance of patients from tertiary care centers for terminal care will continue to skew our statistics. As stated in last year's composite response when Palmer was within the range for predicted mortality for all categories, this is not a stable predictable factor. We are able to accept these mortality statistics as we continue to meet the needs of Palmer Memorial Hospital's service area.

Sincerely,

Jeanine Matt, R.N.

Jeanine Matt, R.N.
Administrator

JMM:bm

PALO ALTO CO HOSP

WEST 1ST ST
EMMETSBURG, IA 50536

Medicare Hospital Provider Number: 160118

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	286	15	10 - 19	313	15	11 - 20
Cancer	8	50	14 - 75	4	50	7 - 84
Cerebrovascular Accidents	23	13	14 - 44	18	17	16 - 52
Gastrointestinal Catastrophes	0	-	-	3	33	3 - 86
Infectious Disease	2	50	1 - 93	3	33	5 - 87
Metabolic/Electrolyte Disorders	3	0	1 - 86	2	0	3 - 88
Pulmonary Disease	24	42	9 - 49	32	25	13 - 45
Renal Failure	1	0	3 - 98	2	50	2 - 92
Severe Acute Heart Disease	22	55	22 - 62	29	45	27 - 63
Severe Chronic Heart Disease	12	25	5 - 56	13	31	4 - 56
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	24	8	0 - 56	28	4	0 - 37
Gynecologic Disease	0	-	-	4	0	0 -100
Low-Risk Heart Disease	38	0	1 - 13	37	0	0 - 16
Musculoskeletal/Skin Conditions	25	12	0 - 97	16	6	0 - 75
Neuropsychiatric/Sensory Disease	4	0	0 -100	5	20	0 -100
Urologic Disease	23	0	0 - 93	14	7	0 - 96

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	54
Occupancy Rate (%):	59
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	25
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PELLA COMM HOSP

404 JEFFERSON ST
PELLA, IA 50219

Medicare Hospital Provider Number: 160044

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	211	12	11 - 20	208	13	9 - 19
Cancer	8	63	18 - 78	3	67	4 - 86
Cerebrovascular Accidents	19	32	9 - 51	8	63	6 - 68
Gastrointestinal Catastrophes	6	50	11 - 79	4	50	6 - 83
Infectious Disease	4	25	8 - 82	5	0	13 - 69
Metabolic/Electrolyte Disorders	1	0	3 - 98	0	-	-
Pulmonary Disease	11	18	9 - 57	17	18	9 - 48
Renal Failure	1	0	3 - 99	3	0	12 - 88
Severe Acute Heart Disease	10	20	20 - 70	13	15	18 - 60
Severe Chronic Heart Disease	11	9	5 - 49	10	20	12 - 62
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	21	0	0 - 63	18	0	1 - 31
Gynecologic Disease	4	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	20	0	0 - 34	18	0	0 - 50
Musculoskeletal/Skin Conditions	12	0	1 - 43	15	7	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	13	0	0 - 55	8	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 108
Occupancy Rate (%): 86
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 31
Percent of Physicians Who Are Board Certified Specialists: 71
Interns and Residents: 0
Registered Nurses: 29
Licensed Practical Nurses: 8

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

PEOPLES MEMORIAL HOSP

HWY 20 E
INDEPENDENCE, IA 50644

Medicare Hospital Provider Number: 160086

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	214	16	8 - 19	233	21	10 - 22
Cancer	2	100	2 - 88	6	100	27 - 77
Cerebrovascular Accidents	15	7	19 - 51	18	39	16 - 59
Gastrointestinal Catastrophes	1	100	3 - 98	0	-	-
Infectious Disease	2	0	3 - 88	1	100	1 - 97
Metabolic/Electrolyte Disorders	3	0	1 - 84	3	0	0 - 87
Pulmonary Disease	23	35	11 - 50	21	24	10 - 48
Renal Failure	1	0	1 - 97	4	100	17 - 85
Severe Acute Heart Disease	8	88	20 - 71	5	80	19 - 85
Severe Chronic Heart Disease	10	20	7 - 59	21	19	11 - 46
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	20	0	0 - 45	11	0	0 - 95
Gynecologic Disease	3	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	17	0	0 - 68	23	4	0 - 44
Musculoskeletal/Skin Conditions	24	0	0 - 59	20	15	0 - 95
Neuropsychiatric/Sensory Disease	4	0	0 -100	5	0	0 -100
Urologic Disease	11	9	0 - 98	9	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	109
Occupancy Rate (%):	61
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	21
Percent of Physicians Who Are Board Certified Specialists:	81
Interns and Residents:	0
Registered Nurses:	22
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

POCAHONTAS COMM HOSP

606 NW 7TH
POCAHONTAS, IA 50574

Medicare Hospital Provider Number: 160142

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	153	20	9 - 22	187	22	13 - 25
Cancer	5	80	16 - 83	4	75	13 - 86
Cerebrovascular Accidents	7	29	4 - 69	7	43	6 - 71
Gastrointestinal Catastrophes	1	100	0 - 97	2	50	5 - 94
Infectious Disease	2	50	1 - 93	2	50	2 - 92
Metabolic/Electrolyte Disorders	4	50	2 - 82	1	100	2 - 97
Pulmonary Disease	11	45	9 - 63	31	39	16 - 50
Renal Failure	0	-	-	1	100	3 - 99
Severe Acute Heart Disease	14	29	14 - 60	11	64	18 - 71
Severe Chronic Heart Disease	16	44	8 - 55	25	24	13 - 48
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	25	0	0 - 46	22	0	0 - 35
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	11	9	0 - 97	16	6	0 - 91
Musculoskeletal/Skin Conditions	21	10	0 - 73	10	10	0 - 99
Neuropsychiatric/Sensory Disease	0	-	-	2	50	0 -100
Urologic Disease	1	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	36
Occupancy Rate (%):	19
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

RINGGOLD CO HOSP

211 SHELLWAY DR
MOUNT AYR, IA 50854

Medicare Hospital Provider Number: 160048

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	128	16	8 - 21	166	16	10 - 21
Cancer	10	50	15 - 71	4	75	11 - 84
Cerebrovascular Accidents	9	11	8 - 56	9	11	7 - 56
Gastrointestinal Catastrophes	0	-	-	1	100	0 - 98
Infectious Disease	1	0	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	2	0	0 - 99	1	0	2 - 97
Pulmonary Disease	7	29	3 - 69	23	26	11 - 48
Renal Failure	2	50	7 - 96	2	50	7 - 98
Severe Acute Heart Disease	4	50	5 - 82	8	50	15 - 76
Severe Chronic Heart Disease	3	33	5 - 86	7	29	4 - 69
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	17	6	0 - 49	20	10	0 - 76
Gynecologic Disease	2	0	0 -100	0	-	-
Low-Risk Heart Disease	16	0	0 - 49	25	4	0 - 37
Musculoskeletal/Skin Conditions	4	0	0 -100	9	0	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	1	0	0 -100
Urologic Disease	14	7	0 -100	10	10	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	36
Occupancy Rate (%):	39
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SARTORI MEM HOSP

6TH COLLEGE
CEDAR FALLS, IA 50613

Medicare Hospital Provider Number: 160040

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	688	12	8 - 14	637	12	9 - 15
Cancer	6	33	14 - 79	10	40	12 - 68
Cerebrovascular Accidents	20	50	11 - 54	31	52	14 - 49
Gastrointestinal Catastrophes	6	33	10 - 77	2	50	2 - 92
Infectious Disease	12	25	12 - 62	7	29	7 - 70
Metabolic/Electrolyte Disorders	10	40	5 - 64	7	43	2 - 72
Pulmonary Disease	39	26	13 - 42	33	24	14 - 45
Renal Failure	2	100	9 - 93	0	-	-
Severe Acute Heart Disease	36	39	25 - 58	28	36	25 - 60
Severe Chronic Heart Disease	23	17	12 - 45	24	17	12 - 44
Severe Trauma	2	0	2 - 89	0	-	-
Gastrointestinal Disease	74	3	0 - 15	57	4	0 - 20
Gynecologic Disease	5	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	76	3	1 - 12	70	1	2 - 10
Musculoskeletal/Skin Conditions	74	4	0 - 39	79	1	0 - 11
Neuropsychiatric/Sensory Disease	11	0	0 - 77	5	0	0 -100
Urologic Disease	38	0	0 - 20	27	4	0 - 85

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	101
Occupancy Rate (%):	35
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	53
Percent of Physicians Who Are Board Certified Specialists:	87
Interns and Residents:	0
Registered Nurses:	62
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SHELBY CO MYRTUE MEM HOSP

1213 GARFIELD
HARLAN, IA 51537

Medicare Hospital Provider Number: 160031

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	400	13	12 - 19	468	12	10 - 17
Cancer	5	80	23 - 90	4	50	7 - 83
Cerebrovascular Accidents	18	39	15 - 58	15	33	11 - 57
Gastrointestinal Catastrophes	1	0	1 - 97	2	100	10 - 94
Infectious Disease	4	0	10 - 73	3	33	7 - 88
Metabolic/Electrolyte Disorders	8	13	9 - 62	3	0	3 - 80
Pulmonary Disease	51	31	22 - 50	72	25	16 - 38
Renal Failure	1	0	2 -100	4	75	17 - 94
Severe Acute Heart Disease	16	31	22 - 66	19	37	24 - 66
Severe Chronic Heart Disease	20	20	8 - 45	29	28	13 - 46
Severe Trauma	0	-	-	2	50	4 - 93
Gastrointestinal Disease	34	0	1 - 16	34	6	0 - 52
Gynecologic Disease	4	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	52	8	1 - 23	56	0	1 - 9
Musculoskeletal/Skin Conditions	33	3	0 - 47	44	2	0 - 24
Neuropsychiatric/Sensory Disease	5	0	0 -100	8	13	0 -100
Urologic Disease	14	0	0 - 99	16	0	0 - 95

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	52
Occupancy Rate (%):	44
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	30
Licensed Practical Nurses:	15

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

SHENANDOAH MEM HOSP

300 PERSHING AVE
SHENANDOAH, IA 51601

Medicare Hospital Provider Number: 160092

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	326	9	8 - 15	344	13	9 - 17
Cancer	2	100	5 - 89	6	67	9 - 75
Cerebrovascular Accidents	14	21	11 - 55	11	18	11 - 58
Gastrointestinal Catastrophes	1	0	2 - 97	2	50	3 - 92
Infectious Disease	2	0	4 - 89	3	33	5 - 86
Metabolic/Electrolyte Disorders	5	20	4 - 74	8	38	5 - 68
Pulmonary Disease	26	31	14 - 50	29	38	18 - 54
Renal Failure	2	50	5 - 94	3	100	6 - 82
Severe Acute Heart Disease	8	38	16 - 76	13	38	21 - 71
Severe Chronic Heart Disease	9	22	5 - 61	11	0	11 - 43
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	38	0	1 - 14	25	4	0 - 62
Gynecologic Disease	2	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	43	2	0 - 20	32	0	1 - 16
Musculoskeletal/Skin Conditions	28	0	1 - 19	25	4	0 - 52
Neuropsychiatric/Sensory Disease	4	0	0 -100	8	0	0 -100
Urologic Disease	14	0	0 -100	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 106
Occupancy Rate (%): 75
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 11
Percent of Physicians Who Are Board Certified Specialists: 0
Interns and Residents: 0
Registered Nurses: 32
Licensed Practical Nurses: 8

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

SIOUX VALLEY MEM HOSP

300 SIOUX VALLEY DR
CHEROKEE, IA 51012

Medicare Hospital Provider Number: 160003

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	436	14	9 - 17	437	12	11 - 18
Cancer	5	60	17 - 87	9	56	23 - 82
Cerebrovascular Accidents	25	16	13 - 43	25	28	12 - 48
Gastrointestinal Catastrophes	2	100	6 - 90	0	-	-
Infectious Disease	9	22	8 - 64	16	13	19 - 57
Metabolic/Electrolyte Disorders	2	0	1 - 91	7	14	4 - 65
Pulmonary Disease	21	38	12 - 53	32	16	15 - 43
Renal Failure	0	-	-	1	100	3 - 99
Severe Acute Heart Disease	31	45	26 - 61	22	45	26 - 66
Severe Chronic Heart Disease	24	29	7 - 45	19	32	11 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	48	8	0 - 31	49	4	1 - 18
Gynecologic Disease	3	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	95	3	1 - 11	64	2	1 - 12
Musculoskeletal/Skin Conditions	30	3	0 - 40	47	0	0 - 15
Neuropsychiatric/Sensory Disease	5	0	0 -100	9	0	0 -100
Urologic Disease	5	0	0 -100	4	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	67
Occupancy Rate (%):	42
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	30
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Sioux Valley
Memorial Hospital

RANDALL R. RICHARDS, Chief Executive Offic

October 10, 1988

Healthcare Financing Administration
Attention: Mrs. Sandra Kappert
Health Standards and Quality Bureau
Meadows East Building 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Regarding: Mortality Data Release

Dear Mrs. Kappert:

First of all this letter in no way should be interpreted as an endorsement for the Medicare Hospital Mortality Information system. But because it is to be a part of public record I feel I must respond in spite the system's many shortcomings.

We did some analysis of the data and found that, overall, Sioux Valley Memorial Hospital (SVMH) falls well within the guidelines of predictable mortality rates. In only one category did SVMH exceed the expected range of mortality. The sample size for this category, gastrointestinal catastrophes, is far too low to be used as a predictor. We analyzed both cases and found that nothing further could have been done to prevent the outcome.

The problem with the information as a whole is that when the cases are categorized the sample sizes in each category are to small to be of any value. The statistical methods available for use when the sample sizes are this small are extremely suspect and should not be used.

The hospital characteristics information also concerns us. The staffing ratios, especially the Registered Nurses per bed and the Licensed Practical Nurses per bed, are irrelevant. The important ratios are the number of Registered Nurses and Licensed Practical Nurses per patient. The occupancy rate for SVMH is low, but we have adequate staff to provide a high quality of care to the patients we serve.

HCFA plans to stress that the information is not a complete measure of quality. Our position is that although the information may be useful to hospitals to identify potential problem areas the information is not indicative of quality and should not be used as a measure of quality.

Sincerely,

David Stenerson

David Stenerson,
Chief Financial Officer

300 Sioux Valley Drive • Cherokee, Iowa 51012 • Phone (712) 225-5101

SKIFF MARY FRANCES MEM HOSP

204 N 4TH AVE E
NEWTON, IA 50208

Medicare Hospital Provider Number: 160032

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	442	14	10 - 17	452	13	8 - 16
Cancer	4	75	19 - 93	12	58	19 - 71
Cerebrovascular Accidents	19	37	15 - 57	25	36	14 - 51
Gastrointestinal Catastrophes	1	100	0 - 99	1	100	3 -100
Infectious Disease	5	80	14 - 81	3	33	2 - 87
Metabolic/Electrolyte Disorders	7	14	4 - 64	7	14	2 - 67
Pulmonary Disease	42	31	14 - 43	35	31	12 - 44
Renal Failure	1	0	1 - 97	1	0	2 - 97
Severe Acute Heart Disease	15	33	21 - 67	13	31	19 - 67
Severe Chronic Heart Disease	42	26	13 - 41	29	28	11 - 44
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	50	0	1 - 12	46	0	1 - 12
Gynecologic Disease	5	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	43	5	0 - 27	45	2	1 - 18
Musculoskeletal/Skin Conditions	35	3	0 - 41	28	4	0 - 71
Neuropsychiatric/Sensory Disease	24	0	0 - 47	34	0	0 - 54
Urologic Disease	29	3	0 - 76	30	3	0 - 86

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	61
Occupancy Rate (%):	61
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	14
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	54
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SPENCER MUN HOSP

114 E 12TH ST
SPENCER, IA 51301

Medicare Hospital Provider Number: 160112

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	728	10	8 - 14	766	8	7 - 13
Cancer	12	50	15 - 68	5	60	12 - 83
Cerebrovascular Accidents	35	31	16 - 48	27	26	14 - 48
Gastrointestinal Catastrophes	5	20	3 - 74	4	0	16 - 80
Infectious Disease	3	33	4 - 86	5	20	7 - 75
Metabolic/Electrolyte Disorders	2	0	3 - 88	2	0	3 - 88
Pulmonary Disease	43	23	16 - 43	43	26	14 - 42
Renal Failure	4	50	5 - 84	2	100	7 - 91
Severe Acute Heart Disease	27	37	23 - 60	21	24	25 - 62
Severe Chronic Heart Disease	42	26	12 - 39	35	31	12 - 44
Severe Trauma	0	-	-	1	0	0 - 97
Gastrointestinal Disease	54	4	1 - 19	94	1	1 - 8
Gynecologic Disease	7	0	0 -100	22	0	0 -100
Low-Risk Heart Disease	55	2	1 - 14	46	0	1 - 11
Musculoskeletal/Skin Conditions	104	1	0 - 8	108	1	0 - 8
Neuropsychiatric/Sensory Disease	22	0	0 - 60	19	0	0 - 96
Urologic Disease	78	1	0 - 17	81	0	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	96
Occupancy Rate (%):	46
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	24
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	0
Registered Nurses:	66
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST ANTHONY REG HOSP

S CLARK ST
CARROLL, IA 51401

Medicare Hospital Provider Number: 160005

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	536	10	8 - 14	506	10	9 - 16
Cancer	8	38	10 - 71	11	45	14 - 69
Cerebrovascular Accidents	22	32	10 - 49	15	27	14 - 58
Gastrointestinal Catastrophes	3	33	5 - 86	4	0	6 - 72
Infectious Disease	2	0	3 - 88	1	0	0 -100
Metabolic/Electrolyte Disorders	2	0	1 - 92	2	0	0 -100
Pulmonary Disease	36	36	17 - 49	41	27	18 - 46
Renal Failure	0	-	-	2	50	2 - 92
Severe Acute Heart Disease	13	54	19 - 70	21	38	29 - 69
Severe Chronic Heart Disease	27	19	14 - 44	28	39	9 - 46
Severe Trauma	4	25	6 - 81	0	-	-
Gastrointestinal Disease	72	1	0 - 13	51	0	1 - 11
Gynecologic Disease	11	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	41	5	0 - 25	47	0	1 - 11
Musculoskeletal/Skin Conditions	40	2	0 - 28	54	0	2 - 10
Neuropsychiatric/Sensory Disease	16	6	0 - 79	11	9	0 - 95
Urologic Disease	62	0	0 - 17	52	0	0 - 25

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	132
Occupancy Rate (%):	78
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	18
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	37
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPH COMM HOSP

308 N MAPLE AVE
NEW HAMPTON, IA 50659

Medicare Hospital Provider Number: 160027

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	277	19	9 - 19	308	18	11 - 21
Cancer	3	67	11 - 91	3	67	11 - 92
Cerebrovascular Accidents	10	50	6 - 64	10	40	10 - 66
Gastrointestinal Catastrophes	2	50	1 - 92	3	0	7 - 80
Infectious Disease	2	50	1 - 93	5	40	10 - 81
Metabolic/Electrolyte Disorders	6	67	8 - 75	8	75	10 - 69
Pulmonary Disease	16	19	9 - 50	26	42	15 - 53
Renal Failure	5	80	17 - 87	1	100	3 - 98
Severe Acute Heart Disease	13	62	18 - 68	17	12	25 - 60
Severe Chronic Heart Disease	15	60	8 - 56	24	38	6 - 46
Severe Trauma	0	-	-	1	0	2 - 97
Gastrointestinal Disease	24	0	0 - 28	28	4	0 - 34
Gynecologic Disease	0	-	-	4	0	0 -100
Low-Risk Heart Disease	28	0	1 - 20	37	3	1 - 19
Musculoskeletal/Skin Conditions	36	0	0 - 19	17	6	0 - 98
Neuropsychiatric/Sensory Disease	4	0	0 -100	3	0	0 -100
Urologic Disease	15	7	0 - 78	24	8	0 - 41

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	29
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	18
Percent of Physicians Who Are Board Certified Specialists:	94
Interns and Residents:	0
Registered Nurses:	29
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPH HEALTH & REHABILITATION CT

312 E ALTA VISTA
OTTUMWA, IA 52501

Medicare Hospital Provider Number: 160004

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	283	11	8 - 17	756	12	9 - 15
Cancer	6	67	14 - 79	18	44	21 - 66
Cerebrovascular Accidents	9	44	10 - 68	25	24	14 - 49
Gastrointestinal Catastrophes	2	0	3 - 88	9	44	11 - 71
Infectious Disease	8	25	15 - 73	5	20	10 - 78
Metabolic/Electrolyte Disorders	3	0	3 - 80	7	57	2 - 74
Pulmonary Disease	8	13	3 - 60	29	41	10 - 47
Renal Failure	1	100	3 -100	1	0	2 - 97
Severe Acute Heart Disease	15	47	16 - 63	36	39	23 - 55
Severe Chronic Heart Disease	22	23	11 - 47	49	14	12 - 34
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	23	0	0 - 57	52	0	1 - 11
Gynecologic Disease	3	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	36	3	1 - 20	70	1	1 - 10
Musculoskeletal/Skin Conditions	30	0	0 - 34	109	4	0 - 12
Neuropsychiatric/Sensory Disease	9	11	0 -100	33	0	0 - 31
Urologic Disease	12	8	0 - 99	31	3	0 - 90

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	120
Ownership/Control:	Church

STAFFING

Interns and Residents:	0
Registered Nurses:	42
Licensed Practical Nurses:	22

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPH MERCY HOSP

1410 N 4TH ST
CLINTON, IA 52732

Medicare Hospital Provider Number: 160053

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	891	11	9 - 14	889	15	11 - 17
Cancer	15	40	16 - 64	27	41	21 - 58
Cerebrovascular Accidents	32	16	15 - 42	47	32	14 - 42
Gastrointestinal Catastrophes	3	67	6 - 87	8	63	10 - 71
Infectious Disease	13	31	13 - 63	18	39	18 - 63
Metabolic/Electrolyte Disorders	12	25	4 - 58	20	40	13 - 57
Pulmonary Disease	71	27	17 - 40	77	21	15 - 36
Renal Failure	3	33	6 - 89	4	75	6 - 83
Severe Acute Heart Disease	40	30	25 - 55	47	34	26 - 54
Severe Chronic Heart Disease	47	21	12 - 37	50	22	11 - 36
Severe Trauma	1	100	1 - 97	0	-	-
Gastrointestinal Disease	79	3	1 - 12	64	5	0 - 19
Gynecologic Disease	4	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	119	2	1 - 8	102	3	1 - 10
Musculoskeletal/Skin Conditions	89	3	1 - 13	73	3	1 - 14
Neuropsychiatric/Sensory Disease	20	0	0 - 34	13	8	0 - 99
Urologic Disease	25	0	0 - 74	29	0	0 - 36

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	114
Occupancy Rate (%):	56
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	86
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	104
Licensed Practical Nurses:	31

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPH MERCY HOSP

84 BEAUMONT DRIVE
MASON CITY, IA 50401

Medicare Hospital Provider Number: 160064

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,579	10	8 - 12	2,398	9	8 - 12
Cancer	72	33	29 - 54	68	26	26 - 51
Cerebrovascular Accidents	83	25	19 - 39	75	33	18 - 40
Gastrointestinal Catastrophes	16	56	17 - 65	20	40	16 - 60
Infectious Disease	22	36	19 - 60	19	32	16 - 59
Metabolic/Electrolyte Disorders	33	15	7 - 39	31	29	8 - 45
Pulmonary Disease	71	37	17 - 41	86	21	15 - 36
Renal Failure	5	40	12 - 86	5	60	14 - 89
Severe Acute Heart Disease	83	31	29 - 51	83	37	26 - 49
Severe Chronic Heart Disease	98	26	16 - 35	107	22	18 - 35
Severe Trauma	2	0	1 - 90	4	50	4 - 82
Gastrointestinal Disease	228	2	1 - 6	228	4	2 - 8
Gynecologic Disease	23	4	0 -100	29	0	0 -100
Low-Risk Heart Disease	234	5	1 - 8	234	2	2 - 6
Musculoskeletal/Skin Conditions	393	3	1 - 6	358	1	1 - 4
Neuropsychiatric/Sensory Disease	292	2	1 - 7	240	1	1 - 6
Urologic Disease	114	0	0 - 8	96	1	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	280
Occupancy Rate (%):	50
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	102
Percent of Physicians Who Are Board Certified Specialists:	64
Interns and Residents:	14
Registered Nurses:	192
Licensed Practical Nurses:	46

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPH'S MERCY HOSPITAL

ROUTE 3
CENTERVILLE, IA 52544

Medicare Hospital Provider Number: 160020

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	449	15	9 - 16	440	16	9 - 17
Cancer	10	30	14 - 68	7	57	17 - 80
Cerebrovascular Accidents	21	33	11 - 51	22	41	11 - 52
Gastrointestinal Catastrophes	6	33	10 - 77	1	100	3 - 98
Infectious Disease	2	0	5 - 89	2	50	2 - 92
Metabolic/Electrolyte Disorders	5	20	2 - 76	10	40	9 - 66
Pulmonary Disease	41	29	12 - 41	32	25	12 - 44
Renal Failure	3	67	8 - 90	2	50	5 - 94
Severe Acute Heart Disease	20	40	17 - 59	20	35	21 - 62
Severe Chronic Heart Disease	30	30	10 - 44	22	32	11 - 50
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	64	5	0 - 21	45	2	0 - 19
Gynecologic Disease	3	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	46	7	0 - 26	45	7	0 - 28
Musculoskeletal/Skin Conditions	26	0	0 - 29	23	0	0 - 42
Neuropsychiatric/Sensory Disease	10	0	0 - 95	15	0	0 - 97
Urologic Disease	11	0	0 - 95	18	6	0 - 95

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	56
Occupancy Rate (%):	79
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	29
Percent of Physicians Who Are Board Certified Specialists:	93
Interns and Residents:	0
Registered Nurses:	21
Licensed Practical Nurses:	21

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

St. Joseph's Mercy Hospital
Centerville, Iowa 52544

October 13, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Attention: Ms. Sandra Kappert

Gentlemen:

In reviewing the mortality data for St. Joseph's Mercy Hospital, Centerville, Iowa (Hospital ID: 160020) we have noticed the following discrepancies in the information contained in the "Patients Whose Last Discharge in 1987 was from St. Joseph's Mercy Hospital."

Page 10

A. Lines [redacted] and [redacted]
Medical Record Number: [redacted]
The patient indicated on these two lines is the same person. One reference should be deleted.

B. Line [redacted]
Medical Record Number: [redacted]
Surname: [redacted]
We have no record of this patient being treated at St. Joseph's Mercy Hospital.

C. Line [redacted]
Medical Record Number: [redacted]
Surname: [redacted]
We have no record of this patient being treated at St. Joseph's Mercy Hospital.

Please correct these errors in your data. Thank you.

Sincerely,

William C. Assell

William C. Assell
President

jf

ST LUKE'S HOSP

1227 E RUSHOLME ST
DAVENPORT, IA 52803

Medicare Hospital Provider Number: 160025

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,879	13	9 - 14	1,828	11	10 - 14
Cancer	66	50	27 - 54	59	47	31 - 59
Cerebrovascular Accidents	53	26	15 - 40	83	17	18 - 36
Gastrointestinal Catastrophes	31	45	22 - 60	20	30	16 - 58
Infectious Disease	6	33	5 - 73	11	73	20 - 71
Metabolic/Electrolyte Disorders	25	32	14 - 54	17	24	6 - 51
Pulmonary Disease	74	23	16 - 38	76	22	14 - 36
Renal Failure	11	27	12 - 72	12	33	9 - 70
Severe Acute Heart Disease	62	39	27 - 53	75	27	29 - 51
Severe Chronic Heart Disease	76	22	12 - 33	96	19	16 - 34
Severe Trauma	3	67	1 - 89	4	0	5 - 72
Gastrointestinal Disease	126	3	1 - 10	125	4	1 - 10
Gynecologic Disease	18	0	0 -100	21	0	0 -100
Low-Risk Heart Disease	392	5	2 - 7	307	7	2 - 8
Musculoskeletal/Skin Conditions	170	5	1 - 10	182	1	1 - 6
Neuropsychiatric/Sensory Disease	26	8	0 - 90	27	4	0 - 48
Urologic Disease	73	1	0 - 15	61	0	0 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 238
Occupancy Rate (%): 56
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 178
Percent of Physicians Who Are Board Certified Specialists: 75
Interns and Residents: 0
Registered Nurses: 244
Licensed Practical Nurses: 11

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

1227 E. Rusholme Street
Davenport, Iowa 52803
319 326-6512

St Luke's Hospital

October 20, 1988

Ms. Sandra Kappert
Health Standards and Quality Bureau, HCFA
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

St. Luke's Hospital submits the following comments regarding the 1987 HCFA Mortality Data, intended for public release in December:

1. Corrections to the Hospital Characteristics Data:

   A. St. Luke's Hospital includes a total of 238 licensed beds, not 170 as listed.

   B. Occupancy rate for the fiscal year ending June, 1988, was 57%, not 53%.

   C. The hospital does have a coronary care unit.

   D. The hospital does not offer organ transplant services.

   E. The 1987 active and associate medical staff totaled 234 members, not 195. Of those physicians, 75% were board certified.

2. Low Risk Heart Disease:

   The category termed "Low Risk Heart Disease" includes surgical as well as medical patients. As a cardiac referral center, St. Luke's Hospital provides cardiac surgery. A number of patients in this category underwent coronary artery bypass graft surgery. The diagnosis "Coronary Artery Disease", frequently reported as a diagnosis for patients undergoing coronary artery bypass graft surgery, does not provide information concerning the extent of severity of disease. These categorizations may be misleading to some components of the general public.

3. Infectious Disease:

DRG prospective payment diagnosis reporting and coding requires submission of the condition which occasioned admission to the hospital as the principal diagnosis of infectious disease also have significant underlying medical conditions, such as malignant neoplasm. Such conditions would be reported as secondary diagnoses. The secondary diagnoses were not utilized in HCFA's categorization process.

4. Other:

Analysis of data in the category termed "All Other Diseases" reveals instances of principal diagnoses of malignancies of the breast, colon and urinary bladder, chronic obstructive pulmonary disease, and hip fracture. No rationale is provided concerning the reason why these cases were not included in categories such as "Cancer", "Pulmonary Disease" or "Musculoskeletal and Cutaneous Conditions". Again, these grouping decisions may be confusing to any interested parties, and are marginally indicative of the quality of care.

5. General Comments:

In a 1986 report by the Iowa Health Data Commission, St. Luke's Hospital was ranked as fourth in the state in terms of severity of its Medicare patients. The next closest hospital within St. Luke's service area was 34 places lower in the relative severity index. The failure of the HFCA mortality data to reflect the relative severity of St. Luke's patients, presents a misleading picture concerning the comparative mortality statistics, thus the comparative quality of care between St. Luke's and other institutions.

If you have questions about our comments, please do not hesitate to contact me.

Sincerely,

Anthony W. Warren
Vice President

AWW:ef

ST LUKE'S METHODIST HOSP

1026 A AVE NE
CEDAR RAPIDS, IA 52402

Medicare Hospital Provider Number: 160045

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,258	8	8 - 12	3,389	9	9 - 13
Cancer	78	24	30 - 53	74	34	28 - 53
Cerebrovascular Accidents	125	29	17 - 35	109	22	20 - 38
Gastrointestinal Catastrophes	18	33	16 - 61	31	48	21 - 59
Infectious Disease	25	40	17 - 57	36	39	20 - 55
Metabolic/Electrolyte Disorders	32	16	8 - 40	27	30	10 - 48
Pulmonary Disease	117	20	16 - 34	124	16	16 - 33
Renal Failure	11	18	12 - 70	7	29	17 - 84
Severe Acute Heart Disease	115	31	29 - 49	144	31	31 - 48
Severe Chronic Heart Disease	113	24	17 - 34	131	25	16 - 33
Severe Trauma	11	18	9 - 60	2	0	1 - 89
Gastrointestinal Disease	260	2	1 - 6	252	2	2 - 6
Gynecologic Disease	27	0	0 -100	31	0	0 -100
Low-Risk Heart Disease	463	3	2 - 6	472	5	2 - 7
Musculoskeletal/Skin Conditions	335	2	1 - 5	349	2	1 - 5
Neuropsychiatric/Sensory Disease	102	0	1 - 7	159	3	0 - 10
Urologic Disease	205	3	1 - 8	204	1	1 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	478
Occupancy Rate (%):	70
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	210
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST. LUKE'S
HOSPITAL

1026 A AVENUE N E
CEDAR RAPIDS IOWA 524
(319) 369-721

October 7, 1988

William L. Roper, M.D.
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

In response to receipt of the Medicare Hospital Mortality information we offer the following comments. All of our comments relate to inaccuracies reported in the Hospital Characteristics section of the report.

1. The number of beds indicated on the report is 246. These are our "medical/surgical" beds only. Our total number of beds is 483.

2. The occupancy rate should be 65%.

3. While the total number of physicians is correct at 219, 73% of our medical staff is board certified, not 49%.

4. We have eleven medical residents. Based on 483 beds the interns and residents per bed should be 0.02.

5. The organ transplant service should be answered "no".

Sincerely,

Stephen E Vanourny M.D.

Stephen E. Vanourny, M.D.
Sr. Vice President
Medical Staff Services/Medical Director

SEV:fcm

VHI Voluntary Hospitals of Iowa Member

ST LUKES MED CENTER

2720 STONE PARK BLVD
SIOUX CITY, IA 51104

Medicare Hospital Provider Number: 160146

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,805	10	9 - 13	2,850	11	9 - 13
Cancer	113	34	30 - 52	116	41	31 - 53
Cerebrovascular Accidents	75	19	18 - 37	62	34	17 - 42
Gastrointestinal Catastrophes	25	36	16 - 56	25	24	16 - 54
Infectious Disease	39	15	22 - 50	21	33	22 - 63
Metabolic/Electrolyte Disorders	24	38	10 - 51	28	36	12 - 50
Pulmonary Disease	154	25	18 - 35	129	18	17 - 34
Renal Failure	10	20	12 - 71	7	57	9 - 79
Severe Acute Heart Disease	48	46	24 - 53	69	45	27 - 52
Severe Chronic Heart Disease	122	29	16 - 33	112	29	16 - 34
Severe Trauma	4	25	3 - 80	5	0	10 - 68
Gastrointestinal Disease	237	5	1 - 8	245	3	1 - 7
Gynecologic Disease	51	0	0 - 94	35	0	0 -100
Low-Risk Heart Disease	205	4	1 - 8	246	4	2 - 8
Musculoskeletal/Skin Conditions	380	1	1 - 5	387	2	1 - 5
Neuropsychiatric/Sensory Disease	44	7	0 - 43	60	3	0 - 20
Urologic Disease	260	0	1 - 4	225	2	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 371
Occupancy Rate (%): 58
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 135
Percent of Physicians Who Are Board Certified Specialists: 78
Interns and Residents: 0
Registered Nurses: 304
Licensed Practical Nurses: 49

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: Yes
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

ST. LUKE'S
Regional Medical Center

2720 STONE PARK BLVD. • SIOUX CITY, IOWA 51104 • PH. (712) 279-3500

Medicare Provider #160146

October 20, 1988

Health Standards & Quality Bureau, HCFA
Attn: Mrs. Sandra Kappert
2-D-2 Meadows, East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The purpose of this letter is to provide comments which will assist individuals reviewing mortality data for Medicare patients treated at St. Luke's Regional Medical Center in Sioux City, Iowa.

St. Luke's Regional Medical Center is committed to providing high quality care for all patients seeking services at the Medical Center. Continuous care quality monitoring is a high priority for the Medical Center's physicians, employees, and Board of Directors. The Medical Staff care quality review process includes assessing over 400 factors; one of which is mortality review.

The Actual Mortality Rate identified for St. Luke's Regional Medical Center is 10%. This rate is for Medicare patients only. The overall mortality rate at St. Luke's Regional Medical Center is 2.3% when patients of all ages are considered. Statistically, the chances of dying increase with age, and since Medicare patients are generally older, it is reasonable to expect the number of deaths in the Medicare patient group to be greater than that seen in the general public.

St. Luke's Regional Medical Center treats a significant number of Medicare patients in high risk categories, including cancer, heart disease, stroke, gastrointestinal disease and pulmonary disease. Some of these patients are terminally ill at the time of their admission and death is therefore expected. St. Luke's Actual Mortality Rate in these categories varies somewhat from year to year; however, our rates remain well within the Predicted Mortality Ranges.

None of the Actual Mortality Rates for Medicare patients treated at St. Luke's Regional Medical Center are higher than the upper limit of the Predicted Mortality Range. The Medicare Hospital Mortality Information supports the Medical Staff finding that no adverse trends have been identified from ongoing mortality monitoring.

Affiliated with the Lutheran and Methodist health care ministry

The mortality data includes some patients who died after discharge from the Medical Center. Hospitals cannot control care provided following a patient's discharge. Some of these patients may have died from accidents or problems not related to their hospital stay. On the other hand, certain patients who died in the hospital more than thirty days following their admission are not included in the mortality statistics.

Certain Hospital Characteristics obtained from American Hospital Association (AHA) data are listed incorrectly. St. Luke's has 371 rather than 204 total beds according to the AHA formula. Staffing ratios for nurses and licensed practical nurses, as well as the occupancy rate, must be adjusted accordingly. The Medical Staff consists of 135 physicians, 78% of whom are Board Certified rather than the 54% listed as Board Certified in the Hospital Characteristics section. We doubt that the general public will find this information useful in analyzing and better understanding mortality data and, therefore, suggest that it not be published.

Thank you for this opportunity to provide comments regarding the mortality data. I expect these comments will accompany any St. Luke's Regional Medical Center data at the time of release.

Sincerely,

Donald V. Schultz M.D.

Donald V. Schultz
Vice President for Medical Affairs

DVS/rim

STEWART MEM COMM HOSP

1200 W MONROE
LAKE CITY, IA 51449

Medicare Hospital Provider Number: 160072

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	499	11	8 - 14	477	11	9 - 16
Cancer	3	33	7 - 88	7	29	9 - 71
Cerebrovascular Accidents	17	29	11 - 54	17	35	16 - 60
Gastrointestinal Catastrophes	4	50	6 - 83	3	33	5 - 87
Infectious Disease	3	33	6 - 87	2	50	4 - 93
Metabolic/Electrolyte Disorders	9	22	3 - 63	12	8	6 - 49
Pulmonary Disease	39	15	12 - 38	33	9	14 - 38
Renal Failure	0	-	-	1	0	3 - 99
Severe Acute Heart Disease	19	47	19 - 63	20	50	25 - 67
Severe Chronic Heart Disease	27	19	12 - 43	21	33	15 - 54
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	60	2	1 - 13	50	2	1 - 15
Gynecologic Disease	6	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	54	6	1 - 21	42	7	1 - 23
Musculoskeletal/Skin Conditions	47	2	0 - 19	50	2	0 - 25
Neuropsychiatric/Sensory Disease	15	0	0 - 90	23	0	0 - 44
Urologic Disease	16	6	0 -100	21	0	0 - 50

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	26
Occupancy Rate (%):	96
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	23
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

STORY CITY MEM HOSP

812 ELM
STORY CITY, IA 50248

Medicare Hospital Provider Number: 160123

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	137	17	10 - 24	150	13	10 - 21
Cancer	1	100	3 - 99	2	100	6 - 90
Cerebrovascular Accidents	12	17	10 - 55	7	43	6 - 71
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 -100	4	25	2 - 80
Pulmonary Disease	26	35	17 - 53	13	23	15 - 61
Renal Failure	1	100	3 -100	2	100	11 - 97
Severe Acute Heart Disease	4	100	21 - 83	5	60	15 - 85
Severe Chronic Heart Disease	9	11	6 - 55	8	25	4 - 65
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 - 92	3	0	0 - 99
Gynecologic Disease	2	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	11	0	0 - 84	21	0	0 - 37
Musculoskeletal/Skin Conditions	13	0	0 - 98	24	0	0 - 36
Neuropsychiatric/Sensory Disease	1	0	0 -100	0	-	-
Urologic Disease	4	25	0 -100	5	0	0 - 94

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	36
Occupancy Rate (%):	67
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	15
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

STORY CO HOSP

630 6TH ST
NEVADA, IA 50201

Medicare Hospital Provider Number: 160088

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	114	16	9 - 23	153	17	10 - 23
Cancer	2	50	2 - 92	0	-	-
Cerebrovascular Accidents	1	100	0 - 98	3	0	4 - 79
Gastrointestinal Catastrophes	1	0	0 - 99	0	-	-
Infectious Disease	0	-	-	2	50	5 - 93
Metabolic/Electrolyte Disorders	7	0	10 - 57	3	33	3 - 86
Pulmonary Disease	24	29	11 - 48	19	26	15 - 55
Renal Failure	2	100	8 - 93	0	-	-
Severe Acute Heart Disease	3	0	5 - 79	9	67	18 - 74
Severe Chronic Heart Disease	6	50	3 - 74	14	36	9 - 58
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	6	0	0 -100	9	0	0 - 99
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	15	0	0 - 54	21	0	0 - 28
Musculoskeletal/Skin Conditions	7	0	0 -100	15	0	0 - 67
Neuropsychiatric/Sensory Disease	0	-	-	2	0	0 -100
Urologic Disease	8	0	0 -100	7	14	1 - 69

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	122
Occupancy Rate (%):	76
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	13
Percent of Physicians Who Are Board Certified Specialists:	77
Interns and Residents:	0
Registered Nurses:	19
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

TRINITY REG HOSP

S KENYON RD
FORT DODGE, IA 50501

Medicare Hospital Provider Number: 160016

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,542	12	9 - 14	1,613	11	8 - 13
Cancer	34	38	25 - 59	29	38	21 - 58
Cerebrovascular Accidents	57	39	14 - 40	55	40	16 - 43
Gastrointestinal Catastrophes	20	40	14 - 58	14	29	14 - 62
Infectious Disease	17	29	15 - 59	14	36	13 - 63
Metabolic/Electrolyte Disorders	8	38	5 - 68	14	21	8 - 55
Pulmonary Disease	104	37	16 - 38	100	24	14 - 34
Renal Failure	3	67	9 - 92	7	29	12 - 80
Severe Acute Heart Disease	60	40	30 - 56	65	34	27 - 52
Severe Chronic Heart Disease	81	22	13 - 33	63	25	13 - 36
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	127	5	1 - 11	123	2	1 - 8
Gynecologic Disease	20	0	0 -100	26	0	0 -100
Low-Risk Heart Disease	120	4	2 - 11	103	4	1 - 11
Musculoskeletal/Skin Conditions	172	1	0 - 6	221	2	0 - 6
Neuropsychiatric/Sensory Disease	140	1	0 - 8	124	2	0 - 16
Urologic Disease	83	6	0 - 32	93	2	1 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	194
Occupancy Rate (%):	47
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	56
Percent of Physicians Who Are Board Certified Specialists:	84
Interns and Residents:	0
Registered Nurses:	170
Licensed Practical Nurses:	15

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

UNIVERSITY OF IOWA HOSP CLINICS

NEWTON RD
IOWA CITY, IA 52240

Medicare Hospital Provider Number: 160058

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,915	9	8 - 12	3,836	8	8 - 12
Cancer	178	32	30 - 50	178	28	33 - 52
Cerebrovascular Accidents	105	22	18 - 35	93	15	18 - 35
Gastrointestinal Catastrophes	32	31	23 - 58	52	37	24 - 56
Infectious Disease	34	38	25 - 60	16	38	16 - 63
Metabolic/Electrolyte Disorders	33	18	8 - 41	30	27	15 - 50
Pulmonary Disease	83	20	17 - 37	75	24	15 - 38
Renal Failure	47	15	2 - 54	59	17	5 - 54
Severe Acute Heart Disease	111	38	26 - 46	100	36	27 - 48
Severe Chronic Heart Disease	82	23	17 - 36	80	26	15 - 36
Severe Trauma	18	33	10 - 56	17	18	10 - 53
Gastrointestinal Disease	145	4	1 - 10	153	4	2 - 9
Gynecologic Disease	28	4	0 - 97	29	3	0 - 75
Low-Risk Heart Disease	455	5	3 - 7	418	6	2 - 7
Musculoskeletal/Skin Conditions	328	2	1 - 6	305	2	1 - 5
Neuropsychiatric/Sensory Disease	598	1	1 - 5	595	1	1 - 4
Urologic Disease	197	1	0 - 7	261	0	0 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	879
Occupancy Rate (%):	79
Ownership/Control:	State Government

STAFFING

Total Number of Physicians:	444
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	372
Registered Nurses:	1,222
Licensed Practical Nurses:	83

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

The University of Iowa
Iowa City, Iowa 52242

The University of Iowa Hospitals and Clinics
Office of the Director and Assistant to
The President for Statewide Health Services

(319) 356-1616

1847

October 21, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
200 Independence Avenue, S.W.
Washington, D.C. 20201

RE: Predicted Mortality Rates for the University of Iowa Hospitals and Clinics
Provider Number: 16-0058

Dear Dr. Roper:

We are very appreciative of the opportunity to provide comments on the University of Iowa Hospitals and Clinics' (UIHC) Medicare mortality rates prior to their public release in December, 1988.

While we are pleased that our actual mortality rates fall well within the predicted mortality ranges, especially since we are likely to care for the more severely ill patients, we do not subscribe to the general methodology used and offer a number of comments for your consideration as you develop more valid methods of reporting Medicare mortality rates and other indicators of quality in the future.

- Comprehensive tertiary care referral centers, such as the UIHC and other academic medical centers, treat more severely ill patients who often have a poorer prognosis at admission and receive specialized services not otherwise available in community hospitals. Therefore, the UIHC experience cannot be validly contrasted with that of community hospitals which can be expected to have lower mortality rates based on the differences in the patient populations each respectively serves. In fact, many programs, by design, bring those patients with the highest potential for death to our center for care to assure that they have every possible advantage for survival.

- Although this year's model was further refined, only a limited number of variables were used. Death may be attributable to many other factors, most notably the severity of the patient's illness, which were not adequately incorporated into HCFA's methodology except for the consideration of a limited group of co-morbidities.

- Mortality rates are, at best, a crude measure of quality. At the UIHC all hospital deaths are routinely reviewed by the appropriate clinical department. In addition, a broad array of other clinical outcome measures are reviewed as part of our comprehensive Quality Assurance Program.

- Deaths following discharge, attributed to the hospital using HCFA's 30-days-after-admission criterion, may be unrelated to the condition of the patient at discharge. To ensure more appropriate attribution, severity of illness at discharge should be considered as a future refinement to the HCFA methodology.

- The validity of the model has not been tested or reported. HCFA should test and report the model's sensitivity, specificity and positive and negative values.

- Significance tests were applied to each of the diagnostic categories and, although UIHC was not above the predicted range in any category, a hospital may expect to be outside the range five times out of a hundred by chance alone, when using a ninety-five percent confidence interval.

- The mortality data are specific to Medicare patients only and, as such, have limited applicability to other patient groups, particularly the obstetric and pediatric patient populations. Consumers must be cautioned not to generalize the information contained within this limited data release.

- While the data were relatively accurate, we identified several instances in which some data element was inaccurate, such as the Medicare ID number and date of discharge/death as well as a few instances in which patients were categorized into a different diagnostic category than our data base indicated.

- As currently constructed, the model has only limited explanatory power in terms of explaining the differences in mortality rates between hospitals and therefore should not be taken as a means to compare the quality of individual providers.

- While some structural variables were included in this year's report, the availability of certain types of resources such as intensive care units and other specialty services can greatly impact the likelihood of death in a given facility and should be emphasized. (See attached corrections in the UIHC's hospital characteristics as reported in the AHA 1986 survey as well as our 1987 survey figures.)

- While we applaud the publication of two years of hospital-specific data to provide a comparative base, the changes in this year's model applied to the 1986 statistics have significantly altered that which was reported in last year's data release. Hospitals did not have an opportunity to review and respond to the data as revised in this year's report.

We strongly agree that the health care industry must work closely with HCFA in developing valid and reliable measures of "quality" that the public is interested in receiving. However, we urge caution in the widespread use of this mortality data as a valid benchmark of quality, given the array of considerations we have presented in this correspondence. We look forward to working with the Health Care Financing Administration as the methodology is further refined.

Sincerely,

Amy B. O'Deen

Amy B. O'Deen
Assistant Director

ABO/mm
Attachment

VAN BUREN CO MEM HOSP

HWY 1 N PO BOX 70
KEOSAUQUA, IA 52565

Medicare Hospital Provider Number: 160054

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	179	11	9 - 19	183	16	10 - 21
Cancer	2	0	5 - 89	5	100	31 - 87
Cerebrovascular Accidents	10	40	8 - 65	3	0	3 - 79
Gastrointestinal Catastrophes	1	100	0 - 98	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 98	3	0	1 - 82
Pulmonary Disease	10	10	8 - 54	14	29	9 - 56
Renal Failure	0	-	-	1	100	0 - 98
Severe Acute Heart Disease	11	64	20 - 72	11	55	19 - 72
Severe Chronic Heart Disease	11	18	5 - 55	21	14	11 - 44
Severe Trauma	1	0	0 - 98	0	-	-
Gastrointestinal Disease	22	0	0 - 40	11	9	0 - 91
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	28	0	1 - 18	23	0	1 - 22
Musculoskeletal/Skin Conditions	17	0	1 - 28	18	0	0 - 67
Neuropsychiatric/Sensory Disease	2	0	0 -100	5	0	0 - 96
Urologic Disease	1	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	40
Occupancy Rate (%):	45
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	12
Percent of Physicians Who Are Board Certified Specialists:	92
Interns and Residents:	0
Registered Nurses:	0
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

VETERANS MEM HOSP

GOLFVIEW DRIVE
WAUKON, IA 52172

Medicare Hospital Provider Number: 160023

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	211	18	10 - 20	232	16	10 - 20
Cancer	8	63	11 - 72	4	75	13 - 87
Cerebrovascular Accidents	13	38	9 - 60	12	42	7 - 60
Gastrointestinal Catastrophes	2	50	2 - 92	2	0	4 - 88
Infectious Disease	3	33	1 - 87	2	50	7 - 96
Metabolic/Electrolyte Disorders	2	50	1 - 94	10	30	3 - 63
Pulmonary Disease	18	17	11 - 48	21	24	13 - 51
Renal Failure	1	0	1 - 97	0	-	-
Severe Acute Heart Disease	9	33	13 - 70	6	67	14 - 79
Severe Chronic Heart Disease	9	44	5 - 65	20	35	8 - 50
Severe Trauma	2	50	3 - 92	0	-	-
Gastrointestinal Disease	18	0	0 - 48	17	6	0 - 50
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	21	5	0 - 61	21	5	0 - 43
Musculoskeletal/Skin Conditions	15	0	1 - 36	19	5	0 - 69
Neuropsychiatric/Sensory Disease	4	0	0 -100	3	0	0 -100
Urologic Disease	9	0	0 - 92	12	0	0 - 94

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 40
Occupancy Rate (%): 28
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 4
Percent of Physicians Who Are Board Certified Specialists: 100
Interns and Residents: 0
Registered Nurses: 17
Licensed Practical Nurses: 8

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

VIRGINIA GAY HOSP

502 N NINTH AVE
VINTON, IA 52349

Medicare Hospital Provider Number: 160093

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	209	14	9 - 19	246	12	9 - 18
Cancer	4	50	5 - 82	4	50	4 - 82
Cerebrovascular Accidents	21	14	13 - 46	21	10	15 - 45
Gastrointestinal Catastrophes	2	50	6 - 94	2	50	1 - 92
Infectious Disease	2	100	10 - 93	1	100	3 - 98
Metabolic/Electrolyte Disorders	7	43	5 - 72	5	20	1 - 77
Pulmonary Disease	16	31	7 - 53	10	30	15 - 68
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	9	44	15 - 73	14	36	19 - 67
Severe Chronic Heart Disease	11	18	7 - 56	17	29	9 - 53
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	19	0	0 - 59	21	5	0 - 71
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	27	4	0 - 46	35	0	2 - 14
Musculoskeletal/Skin Conditions	19	0	0 - 47	25	4	0 - 79
Neuropsychiatric/Sensory Disease	7	0	0 -100	10	10	0 - 99
Urologic Disease	3	0	0 -100	3	0	0 - 90

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	89
Occupancy Rate (%):	75
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WASHINGTON CO HOSP

400 E POLK ST
WASHINGTON, IA 52353

Medicare Hospital Provider Number: 160012

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	306	12	11 - 19	285	15	10 - 19
Cancer	2	50	4 - 93	4	50	11 - 87
Cerebrovascular Accidents	14	14	15 - 55	16	31	13 - 58
Gastrointestinal Catastrophes	2	0	8 - 91	1	100	0 - 98
Infectious Disease	2	0	1 - 89	1	0	1 - 97
Metabolic/Electrolyte Disorders	7	43	7 - 73	5	40	3 - 78
Pulmonary Disease	26	27	15 - 50	31	16	11 - 40
Renal Failure	1	100	3 - 99	1	100	3 - 98
Severe Acute Heart Disease	19	37	22 - 64	20	35	21 - 62
Severe Chronic Heart Disease	30	13	12 - 38	25	36	9 - 47
Severe Trauma	1	100	1 - 97	0	-	-
Gastrointestinal Disease	24	0	0 - 38	28	4	0 - 33
Gynecologic Disease	7	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	49	4	0 - 23	41	2	0 - 24
Musculoskeletal/Skin Conditions	14	0	0 - 63	16	6	0 - 78
Neuropsychiatric/Sensory Disease	5	0	0 -100	7	0	0 -100
Urologic Disease	3	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	70
Occupancy Rate (%):	56
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	12
Percent of Physicians Who Are Board Certified Specialists:	17
Interns and Residents:	0
Registered Nurses:	26
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WAVERLY MUN HOSP

312 9TH ST SW
WAVERLY, IA 50677

Medicare Hospital Provider Number: 160094

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	319	17	9 - 18	374	16	8 - 16
Cancer	3	100	11 - 84	3	100	11 - 83
Cerebrovascular Accidents	18	56	12 - 56	26	23	15 - 48
Gastrointestinal Catastrophes	2	50	4 - 92	1	100	2 - 97
Infectious Disease	0	-	-	2	0	1 - 89
Metabolic/Electrolyte Disorders	3	33	1 - 89	10	30	7 - 63
Pulmonary Disease	28	32	13 - 49	22	27	13 - 51
Renal Failure	0	-	-	1	0	1 - 97
Severe Acute Heart Disease	22	41	24 - 64	14	36	21 - 68
Severe Chronic Heart Disease	13	23	4 - 53	14	43	8 - 57
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	38	0	0 - 19	38	3	0 - 24
Gynecologic Disease	9	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	24	4	0 - 40	23	22	0 - 84
Musculoskeletal/Skin Conditions	34	6	0 - 80	52	0	0 - 14
Neuropsychiatric/Sensory Disease	4	0	0 -100	5	0	0 - 99
Urologic Disease	24	13	0 - 99	28	0	0 - 48

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	45
Occupancy Rate (%):	29
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	9
Percent of Physicians Who Are Board Certified Specialists:	89
Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WAYNE CO HOSP

417 S EAST ST
CORYDON, IA 50060

Medicare Hospital Provider Number: 160113

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	215	15	9 - 20	255	12	9 - 18
Cancer	7	71	15 - 76	2	50	2 - 92
Cerebrovascular Accidents	10	50	8 - 65	3	67	4 - 86
Gastrointestinal Catastrophes	0	-	-	4	0	9 - 73
Infectious Disease	2	50	2 - 92	2	0	2 - 88
Metabolic/Electrolyte Disorders	10	20	5 - 59	8	13	4 - 60
Pulmonary Disease	22	23	13 - 49	26	19	15 - 48
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	8	38	16 - 75	10	50	19 - 75
Severe Chronic Heart Disease	3	100	4 - 79	4	0	6 - 71
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	14	7	1 - 50	20	5	0 - 78
Gynecologic Disease	2	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	23	0	2 - 21	40	2	1 - 18
Musculoskeletal/Skin Conditions	25	0	0 - 62	31	6	0 - 57
Neuropsychiatric/Sensory Disease	6	0	0 -100	8	0	0 - 99
Urologic Disease	6	33	0 -100	10	0	0 - 96

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	28
Occupancy Rate (%):	39
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WINNESHIEK CO MEM HOSP

901 MONTGOMERY ST
DECORAH, IA 52101

Medicare Hospital Provider Number: 160081

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	469	11	11 - 18	505	12	11 - 18
Cancer	16	75	23 - 66	11	45	22 - 76
Cerebrovascular Accidents	19	21	14 - 52	19	16	19 - 53
Gastrointestinal Catastrophes	3	67	9 - 90	1	0	2 - 97
Infectious Disease	3	33	4 - 86	5	60	18 - 89
Metabolic/Electrolyte Disorders	10	0	20 - 56	4	25	2 - 81
Pulmonary Disease	38	16	17 - 43	48	23	13 - 39
Renal Failure	0	-	-	6	67	14 - 85
Severe Acute Heart Disease	21	33	28 - 68	22	32	23 - 62
Severe Chronic Heart Disease	33	30	11 - 43	40	25	12 - 40
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	48	2	0 - 20	42	0	1 - 12
Gynecologic Disease	9	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	50	2	1 - 14	52	6	1 - 20
Musculoskeletal/Skin Conditions	44	0	0 - 13	59	3	0 - 23
Neuropsychiatric/Sensory Disease	17	0	0 - 65	13	0	0 - 84
Urologic Disease	20	0	0 - 90	14	7	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	83
Occupancy Rate (%):	28
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	14
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	31
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ALLEN CO HOSP

101 S 1ST ST
IOLA, KS 66749

Medicare Hospital Provider Number: 170116

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	527	17	11 - 18	472	17	10 - 18
Cancer	8	75	18 - 75	8	50	9 - 71
Cerebrovascular Accidents	24	33	12 - 50	26	42	16 - 53
Gastrointestinal Catastrophes	3	67	6 - 87	2	50	3 - 92
Infectious Disease	8	38	14 - 74	6	17	13 - 74
Metabolic/Electrolyte Disorders	16	31	9 - 56	6	33	3 - 74
Pulmonary Disease	52	25	15 - 41	56	20	16 - 40
Renal Failure	4	75	7 - 83	5	80	16 - 87
Severe Acute Heart Disease	23	39	22 - 61	22	59	25 - 65
Severe Chronic Heart Disease	39	13	14 - 37	19	11	12 - 43
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	61	5	0 - 19	53	4	1 - 17
Gynecologic Disease	2	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	42	5	0 - 24	47	6	0 - 26
Musculoskeletal/Skin Conditions	52	6	1 - 21	35	3	0 - 56
Neuropsychiatric/Sensory Disease	6	0	0 - 96	7	29	0 -100
Urologic Disease	16	0	0 -100	30	3	0 - 35

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	45
Occupancy Rate (%):	53
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	12
Percent of Physicians Who Are Board Certified Specialists:	8
Interns and Residents:	0
Registered Nurses:	33
Licensed Practical Nurses:	13

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ALLEN COUNTY HOSPITAL
101 South First Street
Post Office Box 540
Iola, Kansas 66749
316-365-3131

MEDICARE PROVIDER NO: 170116

October 24, 1988

COMMENTS ON HCFA MORTALITY DATA

ALLEN COUNTY HOSPITAL
IOLA, KANSAS

The Medicare hospital mortality information as developed and published by the Health Care Financing Administration indicates that a total of 90 Medicare patients admitted to Allen County Hospital during 1987 died within 30 days of admission, either while hospitalized or after discharge from the hospital. The average age of the patients who died was 81.1 in 1986 and 82.0 in 1987.

The governing body, administration, and the medical staff at our facility are pleased to see that our mortality rates for Medicare patients from 1986 and 1987 are within the normal range of predicted mortality rates as specified by the Health Care and Financing Administration. We do agree, as stated in your release of the information to us, "The information by itself is not a complete measure of the quality of care at an individual hospital." We also agree with HCFA in wanting to stress that the information by itself is not a complete measure of the quality of care at an individual hospital. Until additional statistical measures to deal with the conflict issues such as severity of illness are developed, we do not recommend the information by itself be used to make any judgements about the quality of care at our hospital or any other hospital. In addition, the data should not be used to make comparisons among hospitals.

There are some errors in the Hospital Characteristics section of the report. Specifically, the number of beds in our hospital is 45 rather than 37, and we do not have a shock/trauma or burn unit as reported. We understand that the figures which will be in the final publication will be updated and will reflect these changes.

Our hospital has an active and organized quality assurance program. As a part of the program, our medical staff, nursing staff, and all ancillary departments routinely review the quality of care provided at the hospital. As a part of this process, all deaths which occur at our institution are reviewed to determine if there were any quality problems. We feel that these processes insure the fact that the highest quality care possible is being provided at Allen County Hospital.

ALLEN SUSAN B MEM HOSP

720 W CENTRAL ST
EL DORADO, KS 67042

Medicare Hospital Provider Number: 170017

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	629	9	8 - 13	629	10	8 - 14
Cancer	11	18	17 - 64	15	67	20 - 67
Cerebrovascular Accidents	30	27	16 - 48	26	15	15 - 45
Gastrointestinal Catastrophes	2	100	7 - 91	2	50	4 - 92
Infectious Disease	6	17	5 - 69	4	50	14 - 90
Metabolic/Electrolyte Disorders	12	8	8 - 50	11	9	4 - 51
Pulmonary Disease	32	31	15 - 48	32	25	11 - 43
Renal Failure	2	50	4 - 93	3	67	4 - 88
Severe Acute Heart Disease	16	44	18 - 64	25	36	20 - 57
Severe Chronic Heart Disease	22	18	9 - 43	23	35	11 - 49
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	45	0	1 - 13	48	0	1 - 11
Gynecologic Disease	9	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	54	2	1 - 14	70	6	0 - 19
Musculoskeletal/Skin Conditions	76	3	0 - 15	76	0	0 - 10
Neuropsychiatric/Sensory Disease	9	11	0 -100	17	6	0 - 92
Urologic Disease	80	0	1 - 8	65	0	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	82
Occupancy Rate (%):	35
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	14
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	51
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ANDERSON CO HOSP

421 S MAPLE
GARNETT, KS 66032

Medicare Hospital Provider Number: 170035

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	211	16	8 - 19	188	11	10 - 19
Cancer	3	67	7 - 88	3	67	9 - 89
Cerebrovascular Accidents	16	50	10 - 57	11	18	10 - 58
Gastrointestinal Catastrophes	1	0	1 -100	1	0	0 - 97
Infectious Disease	1	0	0 - 98	0	-	-
Metabolic/Electrolyte Disorders	2	0	3 - 88	3	0	9 - 82
Pulmonary Disease	20	20	7 - 45	23	4	11 - 36
Renal Failure	0	-	-	4	75	10 - 87
Severe Acute Heart Disease	9	22	22 - 75	6	17	9 - 70
Severe Chronic Heart Disease	14	36	9 - 58	12	42	10 - 62
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	25	4	0 - 50	17	6	0 - 69
Gynecologic Disease	2	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	18	6	0 - 93	13	0	0 - 44
Musculoskeletal/Skin Conditions	22	5	0 - 96	15	0	1 - 34
Neuropsychiatric/Sensory Disease	3	0	1 - 84	3	0	0 -100
Urologic Disease	9	0	0 -100	11	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	72
Occupancy Rate (%):	53
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ARKANSAS CITY MEM HOSP

216 W BIRCH ST
ARKANSAS CITY, KS 67005

Medicare Hospital Provider Number: 170150

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	523	12	11 - 17	583	15	10 - 16
Cancer	16	50	25 - 72	10	60	21 - 76
Cerebrovascular Accidents	24	21	13 - 47	24	17	15 - 47
Gastrointestinal Catastrophes	4	50	5 - 82	6	67	13 - 79
Infectious Disease	12	25	15 - 64	4	25	9 - 82
Metabolic/Electrolyte Disorders	19	32	5 - 51	13	31	6 - 58
Pulmonary Disease	34	9	16 - 39	42	38	16 - 47
Renal Failure	1	100	1 - 97	3	67	7 - 90
Severe Acute Heart Disease	16	50	21 - 68	19	58	23 - 66
Severe Chronic Heart Disease	28	29	11 - 45	34	32	13 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	45	0	1 - 13	41	0	0 - 18
Gynecologic Disease	10	0	0 -100	11	0	0 -100
Low-Risk Heart Disease	66	3	1 - 13	71	6	0 - 19
Musculoskeletal/Skin Conditions	47	4	0 - 32	63	5	0 - 24
Neuropsychiatric/Sensory Disease	13	0	0 - 98	16	0	0 - 96
Urologic Disease	20	0	0 - 79	26	0	0 - 24

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	95
Occupancy Rate (%):	35
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	13
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	41
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ASBURY HOSP

400 S SANTA FE
SALINA, KS 67401

Medicare Hospital Provider Number: 170012

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,546	12	9 - 14	1,539	10	9 - 14
Cancer	53	36	24 - 53	52	42	27 - 57
Cerebrovascular Accidents	45	40	16 - 45	37	30	16 - 46
Gastrointestinal Catastrophes	24	29	21 - 60	16	13	16 - 55
Infectious Disease	15	33	14 - 61	15	53	18 - 67
Metabolic/Electrolyte Disorders	15	47	9 - 59	13	0	10 - 42
Pulmonary Disease	48	17	14 - 38	42	38	15 - 46
Renal Failure	13	69	23 - 80	21	29	20 - 73
Severe Acute Heart Disease	61	51	28 - 55	55	40	27 - 54
Severe Chronic Heart Disease	48	21	12 - 36	44	34	14 - 43
Severe Trauma	3	0	4 - 79	3	33	8 - 89
Gastrointestinal Disease	134	4	1 - 10	135	6	1 - 12
Gynecologic Disease	25	0	0 - 97	27	0	0 -100
Low-Risk Heart Disease	118	3	1 - 9	134	2	1 - 8
Musculoskeletal/Skin Conditions	257	2	1 - 6	251	1	1 - 5
Neuropsychiatric/Sensory Disease	45	7	0 - 32	74	3	0 - 14
Urologic Disease	103	1	0 - 10	94	2	0 - 17

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	179
Occupancy Rate (%):	62
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	93
Percent of Physicians Who Are Board Certified Specialists:	72
Interns and Residents:	0
Registered Nurses:	181
Licensed Practical Nurses:	20

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ASBURY - SALINA
Regional Medical Center

[illegible] • [illegible] • Salina, KS 67401

October 11, 1988

Health Standards and Quality Bureau, HCFA #170012
William L. Roper, M.D., Administrator
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

We sincerely appreciate the opportunity to comment on the 1986 (revised) and 1987 mortality data for Medicare patients only, as presented by the Health Care Financing Administration (HCFA). Our review of the mortality data indicates no errors in the admission or discharge dates. We do not have data to verify deaths that have occurred after discharge and outside the hospital.

Asbury-Salina Regional Medical Center has demonstrated a record that is well within the "range of predicted mortality rates" as determined by HCFA. The Regional Medical Center and its medical staff are committed to a comprehensive quality monitoring program, which includes mortality data.

Asbury-Salina Regional Medical Center is currently licensed as a 212-bed acute-care hospital and "Rural Referral Center", as designated by HCFA. Our Medical Center treats patients with more complex diagnoses from a 32-county area, which is evident from our high case-mix index, as recognized by HCFA as the measurement of intensity of service and severity of illness. The total number of physicians was 93, as reported in 1986, and 71 percent were Board Certified specialists, instead of the 55% listed by HCFA.

It should also be noted that there is a relatively significant difference in the calendar year 1986 data, as presented in December 1987, and that shown for 1986 on the 1987 report. In 1986, 1,402 cases were shown under the category of "all cases"; in this last year's report, 1,539 cases were listed for 1986 in the same category, for a difference of 9.8%.

Sincerely,

Clay D. Edmands
President

CDE/ga

ASHLAND DISTRICT HOSPITAL

709 OAK ST
ASHLAND, KS 67831

Medicare Hospital Provider Number: 170050

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4	25	0 - 88	35	11	5 - 29
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	1	0	0 - 97
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	0	0 - 98
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 - 99
Pulmonary Disease	1	100	1 - 97	5	20	1 - 77
Renal Failure	0	-	-	1	0	3 - 99
Severe Acute Heart Disease	0	-	-	1	0	0 - 99
Severe Chronic Heart Disease	0	-	-	3	67	1 - 90
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	0	-	-
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	0	-	-	3	0	0 -100
Musculoskeletal/Skin Conditions	0	-	-	2	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	16
Occupancy Rate (%):	2
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ATCHISON HOSP

1300 N 2ND ST
ATCHISON, KS 66002

Medicare Hospital Provider Number: 170022

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	536	12	9 - 15	511	14	10 - 17
Cancer	9	67	18 - 74	11	55	13 - 67
Cerebrovascular Accidents	24	21	15 - 48	13	69	11 - 59
Gastrointestinal Catastrophes	3	33	3 - 86	4	25	6 - 81
Infectious Disease	2	0	3 - 88	2	100	7 - 91
Metabolic/Electrolyte Disorders	8	13	5 - 60	7	0	6 - 54
Pulmonary Disease	32	13	10 - 37	31	13	14 - 41
Renal Failure	3	0	5 - 81	4	25	16 - 93
Severe Acute Heart Disease	22	41	21 - 61	18	44	19 - 62
Severe Chronic Heart Disease	49	20	15 - 39	52	21	15 - 38
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	48	0	0 - 12	38	3	0 - 33
Gynecologic Disease	11	9	0 -100	8	0	0 -100
Low-Risk Heart Disease	32	3	0 - 49	50	6	0 - 27
Musculoskeletal/Skin Conditions	44	2	0 - 20	38	3	0 - 50
Neuropsychiatric/Sensory Disease	11	9	0 -100	11	0	0 -100
Urologic Disease	35	6	0 - 70	21	0	0 - 83

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	141
Occupancy Rate (%):	42
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	16
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	0
Registered Nurses:	36
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ATTICA DIST HOSP 1

302 N BOTKIN PO BOX 268
ATTICA, KS 67009

ledicare Hospital Provider Number: 170170

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	59	8	5 - 21	76	9	5 - 19
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	1	0	1 - 97	4	25	3 - 80
Gastrointestinal Catastrophes	0	-	-	1	100	0 - 99
Infectious Disease	1	100	2 - 97	1	0	2 - 97
Metabolic/Electrolyte Disorders	1	0	0 -100	1	0	0 -100
Pulmonary Disease	6	33	3 - 73	3	67	0 - 92
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	100	1 - 97	5	40	8 - 79
Severe Chronic Heart Disease	4	0	3 - 71	3	0	4 - 79
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	11	0 - 90	11	0	0 - 95
Gynecologic Disease	1	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	7	0	0 -100	10	0	0 - 96
Musculoskeletal/Skin Conditions	5	0	0 -100	5	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	1	0	0 -100
Urologic Disease	2	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	78
Occupancy Rate (%):	62
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

AUGUSTA MEDICAL COMPLEX INC

2101 DEARBORN
AUGUSTA, KS 67010

Medicare Hospital Provider Number: 170171

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	240	12	9 - 18	256	17	10 - 20
Cancer	3	67	12 - 93	11	64	21 - 74
Cerebrovascular Accidents	10	50	13 - 69	11	36	8 - 62
Gastrointestinal Catastrophes	2	0	4 - 88	3	33	1 - 88
Infectious Disease	6	17	7 - 70	4	25	8 - 82
Metabolic/Electrolyte Disorders	2	0	0 - 99	1	100	2 - 97
Pulmonary Disease	36	22	15 - 44	31	32	15 - 49
Renal Failure	1	100	3 - 99	4	50	9 - 88
Severe Acute Heart Disease	3	67	9 - 89	3	33	4 - 86
Severe Chronic Heart Disease	18	17	7 - 45	11	27	9 - 60
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	18	0	0 - 52	25	4	0 - 55
Gynecologic Disease	1	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	28	0	0 - 27	37	5	0 - 30
Musculoskeletal/Skin Conditions	9	0	0 - 98	18	0	0 - 45
Neuropsychiatric/Sensory Disease	16	13	0 -100	4	0	0 -100
Urologic Disease	10	0	0 -100	14	7	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	147
Occupancy Rate (%):	69
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

AXTELL CHRISTIAN HOSP

209 E BROADWAY
NEWTON, KS 67114

Medicare Hospital Provider Number: 170002

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	499	12	8 - 15	560	9	8 - 13
Cancer	11	73	21 - 72	7	29	14 - 75
Cerebrovascular Accidents	15	27	10 - 55	19	53	9 - 53
Gastrointestinal Catastrophes	3	67	12 - 93	8	50	14 - 76
Infectious Disease	6	33	7 - 74	4	25	6 - 81
Metabolic/Electrolyte Disorders	11	36	9 - 64	3	0	1 - 82
Pulmonary Disease	35	29	12 - 43	41	17	13 - 39
Renal Failure	1	0	0 - 98	1	100	3 - 99
Severe Acute Heart Disease	18	39	20 - 63	19	37	24 - 66
Severe Chronic Heart Disease	23	13	11 - 42	20	15	9 - 44
Severe Trauma	1	0	0 - 97	0	-	-
Gastrointestinal Disease	39	0	1 - 15	47	2	0 - 19
Gynecologic Disease	4	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	58	3	0 - 18	67	0	1 - 8
Musculoskeletal/Skin Conditions	66	11	0 - 40	75	0	1 - 8
Neuropsychiatric/Sensory Disease	8	0	0 -100	18	0	0 - 98
Urologic Disease	52	0	0 - 24	47	2	0 - 59

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	83
Ownership/Control:	Church

STAFFING

Interns and Residents:	0
Registered Nurses:	29
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

BAXTER MEMORIAL HOSP

10TH WASHINGTON AVE
BAXTER SPRINGS, KS 66713

Medicare Hospital Provider Number: 170021

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	181	11	11 - 21	172	17	11 - 23
Cancer	2	100	8 - 91	5	80	17 - 84
Cerebrovascular Accidents	9	33	12 - 68	9	33	8 - 66
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	1 - 97	3	100	9 - 82
Metabolic/Electrolyte Disorders	7	0	9 - 56	10	0	5 - 44
Pulmonary Disease	24	17	17 - 49	11	27	11 - 62
Renal Failure	2	0	0 - 93	1	0	0 - 98
Severe Acute Heart Disease	8	75	16 - 73	19	47	22 - 65
Severe Chronic Heart Disease	7	14	6 - 64	13	8	8 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	0	0 - 64	12	0	0 - 81
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	30	7	1 - 32	25	4	0 - 63
Musculoskeletal/Skin Conditions	9	0	0 - 99	9	11	0 - 99
Neuropsychiatric/Sensory Disease	9	0	0 - 99	5	20	0 -100
Urologic Disease	2	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	45
Occupancy Rate (%):	40
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	60
Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BETHANY MEDICAL CTR

51 N 12TH ST
KANSAS CITY, KS 66102

Medicare Hospital Provider Number: 170148

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,978	12	11 - 15	2,156	16	11 - 15
Cancer	53	32	25 - 53	75	44	29 - 55
Cerebrovascular Accidents	68	19	18 - 38	84	35	17 - 39
Gastrointestinal Catastrophes	13	46	12 - 64	18	50	16 - 62
Infectious Disease	34	32	20 - 54	44	55	22 - 54
Metabolic/Electrolyte Disorders	52	46	18 - 50	69	30	13 - 41
Pulmonary Disease	107	26	18 - 37	94	27	15 - 36
Renal Failure	10	30	13 - 74	6	50	13 - 85
Severe Acute Heart Disease	69	51	27 - 52	88	49	28 - 51
Severe Chronic Heart Disease	92	17	15 - 32	107	27	14 - 33
Severe Trauma	2	50	2 - 92	6	0	8 - 61
Gastrointestinal Disease	129	2	1 - 9	126	3	1 - 10
Gynecologic Disease	13	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	232	6	1 - 9	229	4	2 - 8
Musculoskeletal/Skin Conditions	186	3	1 - 8	188	2	1 - 7
Neuropsychiatric/Sensory Disease	60	7	1 - 21	105	4	0 - 17
Urologic Disease	44	0	0 - 19	68	1	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	348
Occupancy Rate (%):	66
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	151
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	0
Registered Nurses:	285
Licensed Practical Nurses:	41

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BETHANY · MEDICAL · CENTER
The Hospital of Choice

#170148

COMMENTS
HCFA MORTALITY DATA RELEASE
FOR 1987

Bethany Medical Center was within the range of predicted mortality rates for all of the HCFA designated classifications for Medicare patients whose last discharge occurred from our facility in 1987. While our 1987 predicted ranges do not vary significantly from those for 1986, the hospital experienced, if anything, even better rates, on the whole, than 1986 even though our Medicare patient population continues to be characterized by severe illness. Of the patients who died, 64% were so critically ill that the patients and their families decided not to have extraordinary measures performed to prolong life.

Data Verification

The HCFA data includes all Medicare deaths occurring at Bethany in 1987, but the total cases reported of 1,978 reflects only the last admission of the year for Medicare beneficiaries. According to official hospital records, almost 3,500 Medicare patients were discharged in 1987 from Bethany Medical Center.

The hospital record of each Medicare patient who expired according to HCFA, was reviewed to verify the accuracy of the HCFA data, as well as the circumstances of death. There were some errors of fact related to date of discharge and incorrect age. A copy of the case listing identifying the mistakes and correct data is appended to these comments for HCFA use.

Interpretative Remarks

While HCFA made some changes to the methodology used to predict risk of death for the 1987 data release, the essential limitations still remain. A wide range of other factors which significantly impact the risk of death are outside the control of the hospital, including the socioeconomic status of the patient and the care the patient received pre- and post-hospitalization at places other than the hospital. Many of the categories do not have enough cases to draw any conclusions. The severity of patient illness is not accounted for in the model.

The HCFA data still used only selected, but not all patient conditions which impact outcome. Due to the advanced age and debility of the Medicare population treated at Bethany, nearly all patients had multiple disease states. Consequently, death was an expected outcome or significant possibility. Approximately half of the deaths occurred in patients over the age of 80. 78% of the deaths were admitted through the emergency department, having arrived at the hospital in critical or serious condition. 15% of the deaths attributed to the hospital statistics actually occurred subsequent to hospitalization for patients discharged to home or to nursing homes for care during the terminal phases of their chronic illness.

/continued/

51 North 12th Street Kansas City, Kansas 66102 (913) 281-8400
VHA. Member of Voluntary Hospitals of America, Inc.

Unique Hospital Characteristics

Established in 1892, Bethany Medical Center is a 428 bed not-for-profit hospital operating a full service acute care community facility. Bethany traditions of care include advanced cardic care, a comprehensive cancer program, a diabetes treatment unit, and physicial rehabilitation for such chronic conditions as stroke and spinal cord injury. This broad range of care allows the hospital to offer a scope of service with few transfers to other facilities as well as accepting patients who require levels of care other hospitals do not provide.

The Hospital characteristics shared with the hospital by HCFA prior to this publication were for 1986 and was considerably different from that submitted by the hospital to AHA for 1986. Upon verification with AHA, the data HCFA gave on our hospital characteristics did not match the data AHA submitted to HCFA for Bethany Medical Center. For the record, the 1987 data, if not corrected by HCFA, should read as published in the AHA Hospital Guide. The hospital has 348 staffed beds and 151 members of the medical/dental staff, 74% of whom are Board Certified. Specialty services include a coronary care unit.

Quality Assurance Process

As part of its ongoing commitment to quality of care, Bethany Medical Center has continued its long established method of reviewing all mortalities through peer review committees as soon as all pertinent documentation is available upon patient death. The purpose is to assure that appropriate diagnosis, treatment and available measures were rendered to each patient consistent with accepted medical practice. Mortality review is just one aspect of an extensive program that our medical staff and hospital use to continuously monitor and improve care for our patients.

mlt

Attachment

October 20, 1988

CANEY MUNICIPAL HOSP

SOUTH HIGH STREET
CANEY, KS 67333

Medicare Hospital Provider Number: 170046

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	97	16	9 - 24	95	19	10 - 26
Cancer	0	-	-	3	100	15 - 87
Cerebrovascular Accidents	3	67	2 - 86	6	33	6 - 73
Gastrointestinal Catastrophes	0	-	-	3	67	5 - 87
Infectious Disease	2	0	3 - 88	1	0	0 - 98
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	10	10	7 - 53	10	10	11 - 56
Renal Failure	2	100	11 - 98	0	-	-
Severe Acute Heart Disease	8	63	14 - 74	7	57	18 - 81
Severe Chronic Heart Disease	10	20	8 - 59	7	71	8 - 70
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 - 96	4	0	0 - 98
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	11	9	0 - 94	8	0	0 - 99
Musculoskeletal/Skin Conditions	6	0	0 - 99	13	0	0 - 97
Neuropsychiatric/Sensory Disease	0	-	-	4	0	0 -100
Urologic Disease	1	0	0 -100	4	0	0 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	24
Occupancy Rate (%):	29
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	60
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Caney Municipal Hospital

P.O. Box 325
Caney, KS 67333

COMMENTS ON THE HCFA MORTALITY DATA

PROVIDER # 170046

DATA VERIFICATION

THE DATA USED BY HCFA INDICATES THERE WERE NINETY-SEVEN MEDICARE PATIENTS WHOSE LAST DISCHARGE IN 1937 OCCURRED AT THE CANEY MUNICIPAL HOSPITAL. THE ADMISSION OF THESE NINETY-SEVEN PATIENTS HAS BEEN VERIFIED, HOWEVER, VERIFICATION OF THIS BEING THEIR LAST DISCHARGE FROM AN ACUTE CARE FACILITY CAN NOT BE ACCOMPLISHED IN OUR RECORDS.

HCFA DATA REFLECTS THERE ARE FIVE PHYSICIANS ON ACTIVE STAFF, NONE OF WHICH ARE BOARD CERTIFIED. IN REALITY, THERE WERE FIVE ACTIVE STAFF MEMBERS, TWO OF WHICH ARE BOARD CERTIFIED IN THE SPECIALITY OF FAMILY PRACTICE. IN ADDITION TO THESE ACTIVE STAFF MEMBERS, THERE ARE NINE CONSULTING STAFF MEMBERS, AND SIX COURTESY STAFF MEMBERS.

INTERPRETIVE REMARKS

IN ONE OF THE DIAGNOSTIC CATAGORIES, THE HOSPITAL FELL OUTSIDE OF THE PREDICTED MORTALITY RATE. IN THIS CATEGORY, RENAL FAILURE, THERE WERE ONLY TWO ADMISSIONS DURING THE MONITORED TIME. BOTH DEATHS WERE EXPECTED DEATHS DUE TO UNRELATED ILLNESSES. BOTH PATIENTS WERE OVER THE AGE OF EIGHTY-TWO.

SUMMARY

AS PROVIDERS OF HEALTH CARE, AND AS CONSUMERS, QUALITY ASSESSMENT IS INDEED OF GREAT IMPORTANCE. THE BOARD OF TRUSTEES, AND THE MEDICAL STAFF REVIEW SUCH INDICATORS AS DEATH, ANTIBIOTIC USAGE, TRANSFUSIONS, SURGERIES, AND INCIDENT REPORTS IN AN ONGOING EFFORT TO ASSESS AND IMPROVE QUALITY. THIS MECHANISM OF PEER REVIEW ALLOWS QUALITY TO BE ASSESSED ON A PATIENT BY PATIENT, CASE BY CASE STUDY.

CEDAR VALE REG HOSP

501 CEDAR ST P O BOX 398
CEDAR VALE, KS 67024

Medicare Hospital Provider Number: 170172

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	154	14	9 - 21	207	13	9 - 19
Cancer	3	67	14 - 96	0	-	-
Cerebrovascular Accidents	7	14	8 - 64	9	22	9 - 63
Gastrointestinal Catastrophes	3	33	3 - 86	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	0	1 - 91	0	-	-
Pulmonary Disease	22	14	12 - 44	30	20	12 - 43
Renal Failure	0	-	-	4	50	9 - 87
Severe Acute Heart Disease	7	43	10 - 74	11	64	19 - 72
Severe Chronic Heart Disease	14	14	12 - 52	13	8	9 - 46
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	15	0	0 - 91	22	5	1 - 32
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	26	12	0 - 67	30	0	0 - 23
Musculoskeletal/Skin Conditions	10	20	0 -100	17	6	0 - 98
Neuropsychiatric/Sensory Disease	3	0	0 -100	9	0	1 - 51
Urologic Disease	7	14	0 - 89	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	35
Occupancy Rate (%):	66
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CENTRAL KS MED CENTER

3515 BROADWAY
GREAT BEND, KS 67530

Medicare Hospital Provider Number: 170033

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,235	10	8 - 13	1,180	11	8 - 13
Cancer	29	41	25 - 62	23	48	24 - 65
Cerebrovascular Accidents	47	38	16 - 44	41	17	15 - 40
Gastrointestinal Catastrophes	10	30	10 - 65	13	38	13 - 64
Infectious Disease	9	22	8 - 64	13	31	14 - 64
Metabolic/Electrolyte Disorders	7	14	2 - 67	11	36	7 - 63
Pulmonary Disease	51	18	14 - 38	45	22	14 - 40
Renal Failure	4	50	12 - 90	3	100	18 - 95
Severe Acute Heart Disease	41	41	25 - 56	35	46	24 - 57
Severe Chronic Heart Disease	53	26	16 - 40	69	23	14 - 35
Severe Trauma	1	0	0 - 98	1	0	0 - 98
Gastrointestinal Disease	103	2	1 - 9	103	6	1 - 14
Gynecologic Disease	24	0	0 -100	27	0	0 -100
Low-Risk Heart Disease	110	3	1 - 9	95	2	1 - 10
Musculoskeletal/Skin Conditions	195	3	1 - 7	181	1	1 - 6
Neuropsychiatric/Sensory Disease	40	2	0 - 25	57	2	0 - 15
Urologic Disease	88	2	0 - 22	95	3	0 - 21

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	118
Occupancy Rate (%):	57
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	31
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	83
Licensed Practical Nurses:	13

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CHEYENNE CO HOSP

210 W 1ST ST
SAINT FRANCIS, KS 67756

Medicare Hospital Provider Number: 170064

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	65	18	9 - 28	53	21	8 - 31
Cancer	2	50	2 - 92	0	-	-
Cerebrovascular Accidents	8	38	12 - 72	6	67	6 - 73
Gastrointestinal Catastrophes	0	-	-	1	100	1 - 97
Infectious Disease	1	0	3 - 98	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 -100
Pulmonary Disease	2	0	2 - 89	3	0	4 - 79
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	9	56	11 - 69	4	50	8 - 84
Severe Chronic Heart Disease	5	20	3 - 74	6	17	2 - 70
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	3	33	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	10	10	0 - 98	4	0	0 - 98
Musculoskeletal/Skin Conditions	5	0	0 -100	4	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	1	100	0 -100
Urologic Disease	2	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	23
Occupancy Rate (%):	17
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CITIZENS MEDICAL CTR

100 E COLLEGE DRIVE
COLBY, KS 67701

Medicare Hospital Provider Number: 170008

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	247	13	8 - 18	250	11	10 - 18
Cancer	3	67	11 - 92	2	50	6 - 95
Cerebrovascular Accidents	5	60	5 - 77	6	17	14 - 75
Gastrointestinal Catastrophes	1	0	0 - 99	2	0	2 - 88
Infectious Disease	0	-	-	2	50	3 - 92
Metabolic/Electrolyte Disorders	6	67	9 - 76	4	50	8 - 84
Pulmonary Disease	25	24	12 - 47	33	27	16 - 47
Renal Failure	1	100	3 - 99	1	100	3 -100
Severe Acute Heart Disease	6	17	12 - 72	7	29	13 - 74
Severe Chronic Heart Disease	19	21	12 - 49	14	7	9 - 44
Severe Trauma	1	0	0 - 98	1	0	0 - 98
Gastrointestinal Disease	28	4	0 - 47	24	4	0 - 66
Gynecologic Disease	3	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	35	3	1 - 21	35	0	1 - 15
Musculoskeletal/Skin Conditions	17	6	0 - 95	13	8	0 - 78
Neuropsychiatric/Sensory Disease	7	0	0 - 99	4	0	0 -100
Urologic Disease	7	0	0 -100	11	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	30
Occupancy Rate (%):	41
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	86
Interns and Residents:	0
Registered Nurses:	25
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CLAY CO HOSP

617 LIBERTY ST
CLAY CENTER, KS 67432

Medicare Hospital Provider Number: 170054

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	309	18	12 - 21	318	23	12 - 22
Cancer	15	67	21 - 67	7	71	22 - 83
Cerebrovascular Accidents	13	46	10 - 61	12	83	13 - 57
Gastrointestinal Catastrophes	3	0	12 - 85	3	67	5 - 86
Infectious Disease	7	29	11 - 73	9	56	12 - 71
Metabolic/Electrolyte Disorders	6	0	6 - 59	2	0	0 - 97
Pulmonary Disease	22	36	15 - 55	33	36	23 - 57
Renal Failure	2	100	5 - 90	4	100	12 - 81
Severe Acute Heart Disease	15	40	23 - 70	21	48	25 - 66
Severe Chronic Heart Disease	15	33	7 - 54	15	20	7 - 50
Severe Trauma	1	0	0 - 98	1	100	0 - 98
Gastrointestinal Disease	50	0	1 - 11	30	3	1 - 26
Gynecologic Disease	5	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	25	0	0 - 24	36	0	1 - 15
Musculoskeletal/Skin Conditions	22	0	0 - 44	32	16	0 - 43
Neuropsychiatric/Sensory Disease	3	0	0 -100	3	0	0 -100
Urologic Disease	4	0	0 - 95	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	36
Occupancy Rate (%):	33
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	20
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COFFEY CO HOSP

801 NORTH 4TH PO BOX 189
BURLINGTON, KS 66839

Medicare Hospital Provider Number: 170094

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	103	21	9 - 25	180	17	9 - 21
Cancer	1	0	1 - 97	2	100	10 - 94
Cerebrovascular Accidents	4	25	4 - 79	4	50	3 - 82
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	0 - 99	2	50	4 - 92
Metabolic/Electrolyte Disorders	2	50	0 -100	4	0	4 - 71
Pulmonary Disease	15	27	9 - 54	29	34	14 - 50
Renal Failure	2	50	7 - 96	0	-	-
Severe Acute Heart Disease	5	40	14 - 84	2	0	8 - 92
Severe Chronic Heart Disease	5	60	5 - 77	9	22	7 - 61
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	20	0 - 96	19	16	0 - 80
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	13	0	0 - 94	21	10	0 - 53
Musculoskeletal/Skin Conditions	10	0	0 - 94	13	8	0 - 94
Neuropsychiatric/Sensory Disease	2	0	0 -100	4	0	0 -100
Urologic Disease	6	0	0 -100	7	14	0 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 26
Occupancy Rate (%): 19
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

COFFEYVILLE MEM HOSP MED CTR

1400 W 14TH ST
COFFEYVILLE, KS 67337

Medicare Hospital Provider Number: 170145

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	885	16	11 - 17	1,067	14	10 - 15
Cancer	37	65	30 - 63	27	52	27 - 65
Cerebrovascular Accidents	32	41	14 - 48	32	31	14 - 46
Gastrointestinal Catastrophes	12	42	13 - 67	3	0	5 - 80
Infectious Disease	13	31	13 - 62	9	44	15 - 74
Metabolic/Electrolyte Disorders	12	17	7 - 55	14	21	9 - 56
Pulmonary Disease	84	21	16 - 36	73	27	17 - 40
Renal Failure	5	60	7 - 82	5	60	12 - 86
Severe Acute Heart Disease	36	53	26 - 58	47	55	27 - 56
Severe Chronic Heart Disease	53	25	16 - 40	54	37	14 - 41
Severe Trauma	0	-	-	2	50	1 - 94
Gastrointestinal Disease	71	4	1 - 15	89	8	0 - 19
Gynecologic Disease	10	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	117	7	1 - 13	119	6	2 - 12
Musculoskeletal/Skin Conditions	49	4	0 - 26	98	2	1 - 10
Neuropsychiatric/Sensory Disease	20	5	0 - 64	37	0	0 - 20
Urologic Disease	48	0	0 - 16	52	2	0 - 31

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	88
Occupancy Rate (%):	59
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	28
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	32
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CRMC
COFFEYVILLE REGIONAL MEDICAL CENTER
(316) 251-1200 • 1400 WEST 4TH • COFFEYVILLE, KANSAS 67337

October 17, 1988

Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Ref: Mortality 1987

Dear Ms. Kappert:

We are responding in reference to your letter dated September 15, 1988 in regard to your statistical information concerning mortality of CRMC for 1987. We certainly appreciate the opportunity to review these statistics prior to public publication.

In reviewing your data we have spotted a few errors according to our historical data, which are as follows:

1. AHA Guide lists CRMC for 1986 with 73 beds and an occupancy rate of 84.2. We are licensed for 150 beds.
2. CRMC's total deaths are 139 for 1987.
   4 deaths under age 60, all with terminal/severe illness = 2%
   18 deaths were from 61-70 years of age = 12%
   48 deaths were from 71-80 years of age = 36%
   56 deaths were from 81-90 years of age = 40%
   13 deaths were over 91 years of age = 9%
3. 19 patients died after discharged/transferred.
4. [redacted] expired 6-23-87. Principle diagnosis should have been Septicemia E-Coli; not UTI.
5. [redacted] date of death 7-20-87; not 7-21-87.

We thank you for allowing us to respond. If there are any questions, please contact us.

Sincerely,

Jerry Marquette
Administrator

JM:br
cc: Medical Records

COMANCHE CO HOSP

2ND FRISCO STS
COLDWATER, KS 67029

Medicare Hospital Provider Number: 170036

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	66	24	9 - 30	60	32	9 - 33
Cancer	4	75	14 - 88	0	-	-
Cerebrovascular Accidents	2	50	3 - 92	2	50	1 - 92
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	3	33	2 - 86	1	0	1 - 97
Metabolic/Electrolyte Disorders	1	100	0 -100	0	-	-
Pulmonary Disease	4	75	6 - 80	6	100	23 - 72
Renal Failure	1	0	2 - 97	0	-	-
Severe Acute Heart Disease	4	50	10 - 85	6	67	12 - 77
Severe Chronic Heart Disease	7	57	5 - 71	9	44	7 - 66
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	6	0	0 -100	7	0	0 - 94
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	8	0	0 - 96	9	33	0 -100
Musculoskeletal/Skin Conditions	9	0	0 -100	2	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	1	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	14
Occupancy Rate (%):	13
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY HOSP DISTRICT 1

120 W EIGHTH ST
ONAGA, KS 66521

Medicare Hospital Provider Number: 170045

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	173	13	10 - 21	188	12	11 - 21
Cancer	2	0	4 - 89	2	50	8 - 98
Cerebrovascular Accidents	8	50	7 - 69	6	33	7 - 73
Gastrointestinal Catastrophes	1	100	2 - 97	1	0	0 - 99
Infectious Disease	1	0	3 - 98	0	-	-
Metabolic/Electrolyte Disorders	3	0	4 - 79	2	0	1 - 91
Pulmonary Disease	20	35	13 - 54	24	25	13 - 49
Renal Failure	1	100	3 - 98	0	-	-
Severe Acute Heart Disease	6	83	26 - 87	10	40	20 - 75
Severe Chronic Heart Disease	7	0	8 - 53	11	45	8 - 63
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	14	7	0 - 69	8	0	0 - 99
Gynecologic Disease	3	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	18	0	0 - 34	16	6	0 - 50
Musculoskeletal/Skin Conditions	15	0	0 - 67	18	0	0 - 77
Neuropsychiatric/Sensory Disease	9	0	0 - 62	6	0	0 -100
Urologic Disease	13	0	0 - 73	13	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	35
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY MEM HOSP

708 N 18TH ST
MARYSVILLE, KS 66508

Medicare Hospital Provider Number: 170113

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	356	17	10 - 18	420	15	9 - 17
Cancer	6	67	15 - 80	7	71	26 - 87
Cerebrovascular Accidents	17	29	12 - 55	21	33	15 - 54
Gastrointestinal Catastrophes	3	100	11 - 83	4	25	11 - 84
Infectious Disease	2	0	2 - 89	4	25	5 - 80
Metabolic/Electrolyte Disorders	8	13	9 - 62	16	31	14 - 60
Pulmonary Disease	38	34	15 - 46	39	28	14 - 44
Renal Failure	2	100	5 - 90	0	-	-
Severe Acute Heart Disease	9	33	17 - 73	7	29	13 - 74
Severe Chronic Heart Disease	28	39	11 - 47	33	33	11 - 44
Severe Trauma	1	100	1 - 97	0	-	-
Gastrointestinal Disease	46	4	1 - 21	59	7	1 - 22
Gynecologic Disease	2	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	30	7	0 - 46	39	3	0 - 22
Musculoskeletal/Skin Conditions	35	3	0 - 42	35	3	0 - 31
Neuropsychiatric/Sensory Disease	10	0	0 - 94	20	5	0 - 90
Urologic Disease	18	0	0 - 93	15	0	0 - 78

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	55
Occupancy Rate (%):	28
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	20
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CUSHING MEM HOSP

623 MARSHALL ST
LEAVENWORTH, KS 66048

Medicare Hospital Provider Number: 170133

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	418	13	10 - 17	380	16	9 - 18
Cancer	18	72	26 - 68	6	83	20 - 80
Cerebrovascular Accidents	15	20	11 - 53	16	25	15 - 57
Gastrointestinal Catastrophes	3	0	3 - 79	5	40	7 - 79
Infectious Disease	3	33	10 - 90	8	25	9 - 67
Metabolic/Electrolyte Disorders	7	0	3 - 54	5	40	1 - 84
Pulmonary Disease	40	30	17 - 47	31	19	19 - 49
Renal Failure	0	-	-	2	100	11 - 96
Severe Acute Heart Disease	17	47	17 - 62	12	58	16 - 68
Severe Chronic Heart Disease	17	29	5 - 50	24	50	8 - 48
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	32	0	1 - 18	33	6	0 - 55
Gynecologic Disease	4	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	48	6	1 - 22	41	2	1 - 18
Musculoskeletal/Skin Conditions	26	0	1 - 21	23	0	0 - 50
Neuropsychiatric/Sensory Disease	42	0	0 - 31	36	0	0 - 29
Urologic Disease	17	0	0 - 97	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	52
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

CMH

Cushing Memorial Hospital

[illegible] Presid

623 MARSHALL • LEAVENWORTH, KANSAS • 66048

(913) 684-110

October 24, 1988

Provider # 17-0133

Since 1985 Cushing Memorial Hospital has sponsored the Leavenworth Hospice. This program receives referral of cancer and terminally ill patients by their attending physician. The Hospice Nurse Clinician will provide treatment, management and counseling guidance for the patient and their entire family. During calendar year 1987, Leavenworth Hospice programs conducted 422 sessions to over 1500 individuals. The program is supported in part by overall community contributions. Since the reason for existence is to serve the terminally ill, it would be expected that this program would contribute both to the overall mortality rate and more specifically, the cancer mortality rate.

DECATUR CO HOSP

810 W COLUMBIA
OBERLIN, KS 67749

Medicare Hospital Provider Number: 170060

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	227	13	11 - 20	256	9	9 - 17
Cancer	2	100	10 - 94	4	50	17 - 94
Cerebrovascular Accidents	9	56	10 - 68	7	29	9 - 71
Gastrointestinal Catastrophes	4	50	14 - 90	1	0	1 - 97
Infectious Disease	2	50	5 - 93	7	43	9 - 74
Metabolic/Electrolyte Disorders	8	25	13 - 71	2	0	1 - 90
Pulmonary Disease	13	0	17 - 45	27	22	17 - 50
Renal Failure	1	100	2 -100	1	100	2 - 97
Severe Acute Heart Disease	11	64	21 - 74	5	40	10 - 81
Severe Chronic Heart Disease	15	13	7 - 46	5	20	9 - 76
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	18	0	0 - 38	33	0	1 - 16
Gynecologic Disease	3	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	25	0	1 - 20	37	3	1 - 21
Musculoskeletal/Skin Conditions	31	3	1 - 24	20	0	2 - 23
Neuropsychiatric/Sensory Disease	6	0	0 -100	3	0	0 -100
Urologic Disease	9	11	0 -100	24	4	0 - 74

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	62
Occupancy Rate (%):	82
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	60
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DECHAIRO HOSPITAL

208 NORTH FIRST
WESTMORELAND, KS 66549

Medicare Hospital Provider Number: 170044

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	145	12	13 - 24	129	14	11 - 24
Cancer	1	0	0 - 98	0	-	-
Cerebrovascular Accidents	5	20	7 - 75	3	0	3 - 79
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	7	43	12 - 75	4	50	9 - 85
Metabolic/Electrolyte Disorders	0	-	-	2	0	1 - 89
Pulmonary Disease	42	17	15 - 41	31	16	12 - 41
Renal Failure	0	-	-	2	0	7 - 92
Severe Acute Heart Disease	6	50	18 - 84	6	50	13 - 80
Severe Chronic Heart Disease	8	13	7 - 60	10	20	9 - 60
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	4	0	0 -100	2	0	0 - 98
Gynecologic Disease	4	0	0 -100	0	-	-
Low-Risk Heart Disease	20	0	1 - 28	22	0	1 - 24
Musculoskeletal/Skin Conditions	5	0	0 -100	2	0	0 - 99
Neuropsychiatric/Sensory Disease	1	0	0 -100	2	0	0 -100
Urologic Disease	16	6	0 - 98	16	13	0 - 90

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	25
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

EDWARDS CO HOSP

620 W 8TH ST
KINSLEY, KS 67547

Medicare Hospital Provider Number: 170072

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	108	12	10 - 23	119	18	12 - 26
Cancer	0	-	-	2	100	8 - 92
Cerebrovascular Accidents	4	0	9 - 72	9	33	10 - 67
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 98	0	-	-
Pulmonary Disease	15	7	17 - 50	19	5	14 - 42
Renal Failure	0	-	-	1	0	1 -100
Severe Acute Heart Disease	5	80	14 - 80	10	90	25 - 69
Severe Chronic Heart Disease	7	29	6 - 69	9	22	9 - 63
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	7	14	0 -100	12	0	0 - 87
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	23	9	1 - 39	23	4	0 - 50
Musculoskeletal/Skin Conditions	7	0	0 - 95	7	0	0 - 99
Neuropsychiatric/Sensory Disease	1	0	0 -100	2	0	0 -100
Urologic Disease	3	0	0 -100	3	0	0 - 98

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	16
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ELLINWOOD DIST HOSP

605 NORTH MAIN
ELLINWOOD, KS 67526

Medicare Hospital Provider Number: 170062

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	62	19	7 - 28	65	25	6 - 28
Cancer	2	100	12 - 98	3	100	18 - 91
Cerebrovascular Accidents	2	50	3 - 92	1	100	2 - 97
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	3 - 99	0	-	-
Pulmonary Disease	11	27	7 - 59	7	14	6 - 64
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	0	2 - 97	3	67	7 - 88
Severe Chronic Heart Disease	2	100	1 - 90	6	67	5 - 73
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	0	0 -100	7	14	0 - 99
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	13	8	0 - 85	8	13	0 - 99
Musculoskeletal/Skin Conditions	3	0	0 -100	4	0	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	2	0	0 -100
Urologic Disease	0	-	-	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	24
Occupancy Rate (%):	13
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ELLSWORTH CO VET HOSP

300 KINGSLEY BOX F
ELLSWORTH, KS 67439

Medicare Hospital Provider Number: 170088

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	228	12	12 - 21	212	15	11 - 21
Cancer	4	50	18 - 95	2	50	3 - 92
Cerebrovascular Accidents	8	38	7 - 68	16	50	16 - 62
Gastrointestinal Catastrophes	1	0	0 - 97	0	-	-
Infectious Disease	3	33	6 - 87	5	80	8 - 75
Metabolic/Electrolyte Disorders	4	25	6 - 80	4	25	1 - 85
Pulmonary Disease	28	25	19 - 52	29	21	10 - 42
Renal Failure	4	100	18 - 86	0	-	-
Severe Acute Heart Disease	5	0	17 - 72	14	36	23 - 70
Severe Chronic Heart Disease	26	8	12 - 37	22	18	10 - 44
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	23	4	1 - 30	17	6	0 - 63
Gynecologic Disease	5	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	26	0	1 - 20	18	0	0 - 41
Musculoskeletal/Skin Conditions	14	0	0 - 97	16	0	0 - 37
Neuropsychiatric/Sensory Disease	6	17	0 - 99	5	0	0 -100
Urologic Disease	5	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	22
Occupancy Rate (%):	32
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FREDONIA REGIONAL HOSPITAL

1527 MADISON ST P O BOX 519
FREDONIA, KS 66736

Medicare Hospital Provider Number: 170018

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	217	13	9 - 19	225	16	8 - 19
Cancer	5	40	12 - 83	8	50	15 - 76
Cerebrovascular Accidents	8	38	5 - 67	7	29	4 - 68
Gastrointestinal Catastrophes	3	0	4 - 79	0	-	-
Infectious Disease	1	0	0 - 98	0	-	-
Metabolic/Electrolyte Disorders	10	30	11 - 66	9	11	4 - 57
Pulmonary Disease	18	17	8 - 46	18	28	8 - 51
Renal Failure	2	50	8 - 98	1	100	1 - 97
Severe Acute Heart Disease	13	31	16 - 64	17	59	26 - 71
Severe Chronic Heart Disease	4	50	5 - 82	8	63	4 - 67
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	28	0	0 - 44	31	0	0 - 31
Gynecologic Disease	3	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	35	3	0 - 29	41	7	0 - 35
Musculoskeletal/Skin Conditions	14	0	0 - 91	16	6	0 - 48
Neuropsychiatric/Sensory Disease	2	0	0 -100	1	0	0 -100
Urologic Disease	2	0	0 -100	7	0	0 - 89

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 30
Occupancy Rate (%): 37
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 4
Percent of Physicians Who Are Board Certified Specialists: 25
Interns and Residents: 0
Registered Nurses: 14
Licensed Practical Nurses: 2

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

GEARY COMMUNITY HOSP

1102 SAINT MARY'S RD
JUNCTION CITY, KS 66441

Medicare Hospital Provider Number: 170074

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	387	13	11 - 18	415	15	11 - 19
Cancer	11	55	10 - 65	15	53	19 - 67
Cerebrovascular Accidents	18	28	12 - 53	24	29	16 - 52
Gastrointestinal Catastrophes	1	0	1 - 97	3	67	6 - 87
Infectious Disease	12	17	21 - 67	14	43	17 - 67
Metabolic/Electrolyte Disorders	6	17	2 - 71	9	22	3 - 63
Pulmonary Disease	40	38	16 - 47	33	33	18 - 51
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	19	37	17 - 59	17	41	20 - 64
Severe Chronic Heart Disease	28	14	12 - 40	20	20	10 - 47
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	35	0	0 - 22	35	9	0 - 46
Gynecologic Disease	2	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	56	2	1 - 13	52	0	1 - 10
Musculoskeletal/Skin Conditions	22	0	0 - 39	34	3	0 - 29
Neuropsychiatric/Sensory Disease	12	0	0 - 90	10	0	0 - 89
Urologic Disease	9	0	0 -100	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	92
Occupancy Rate (%):	26
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	14
Percent of Physicians Who Are Board Certified Specialists:	64
Interns and Residents:	0
Registered Nurses:	34
Licensed Practical Nurses:	18

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GOVE COUNTY HOSP

5TH GARFIELD
QUINTER, KS 67752

Medicare Hospital Provider Number: 170080

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	121	15	9 - 22	97	8	9 - 21
Cancer	2	100	12 - 98	0	-	-
Cerebrovascular Accidents	6	33	7 - 74	6	50	6 - 74
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	2	50	0 - 97	1	100	1 - 97
Metabolic/Electrolyte Disorders	5	20	5 - 74	8	13	4 - 60
Pulmonary Disease	13	15	10 - 53	13	15	10 - 53
Renal Failure	2	50	4 - 93	0	-	-
Severe Acute Heart Disease	4	25	7 - 81	8	13	16 - 67
Severe Chronic Heart Disease	6	17	5 - 68	5	0	7 - 64
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	11	0	0 - 97	10	0	0 - 98
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	15	0	0 - 41	14	0	0 - 72
Musculoskeletal/Skin Conditions	10	10	0 - 84	8	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	4	0	0 -100
Urologic Disease	4	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	64
Occupancy Rate (%):	(not available)
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

GRAHAM CO HOSP

304 W PROUT ST
HILL CITY, KS 67642

Medicare Hospital Provider Number: 170031

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	216	7	9 - 17	209	11	10 - 19
Cancer	1	0	1 - 97	0	-	-
Cerebrovascular Accidents	0	-	-	4	0	4 - 70
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	0 - 97	1	100	3 -100
Metabolic/Electrolyte Disorders	3	33	0 - 92	5	40	2 - 78
Pulmonary Disease	36	11	19 - 43	34	18	16 - 44
Renal Failure	0	-	-	2	50	5 - 94
Severe Acute Heart Disease	7	29	12 - 73	8	50	16 - 77
Severe Chronic Heart Disease	17	12	10 - 45	16	31	10 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	25	4	0 - 42	24	0	0 - 33
Gynecologic Disease	1	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	24	0	0 - 27	21	5	1 - 35
Musculoskeletal/Skin Conditions	32	0	0 - 29	27	0	0 - 59
Neuropsychiatric/Sensory Disease	3	0	0 -100	3	0	0 -100
Urologic Disease	3	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	42
Occupancy Rate (%):	36
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GREELEY CO HOSP

506 3RD ST
TRIBUNE, KS 67879

Medicare Hospital Provider Number: 170082

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	72	1	8 - 16	48	15	5 - 27
Cancer	1	0	3 - 99	1	100	3 - 99
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 -100	0	-	-
Pulmonary Disease	18	0	15 - 37	9	11	5 - 56
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	0	3 - 98	2	100	10 - 93
Severe Chronic Heart Disease	1	0	0 - 98	2	0	3 - 88
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	0	0 -100	6	0	0 -100
Gynecologic Disease	5	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	16	0	0 - 52	7	0	0 -100
Musculoskeletal/Skin Conditions	4	0	0 -100	3	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	2	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	18
Occupancy Rate (%):	17
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GREENWOOD CO HOSP

100 W 16 ST
EUREKA, KS 67045

Medicare Hospital Provider Number: 170032

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	385	11	12 - 19	403	13	12 - 19
Cancer	4	25	18 - 91	5	100	24 - 80
Cerebrovascular Accidents	19	16	15 - 50	10	30	11 - 64
Gastrointestinal Catastrophes	2	0	4 - 89	3	33	5 - 87
Infectious Disease	3	0	8 - 81	5	60	12 - 82
Metabolic/Electrolyte Disorders	8	25	16 - 74	11	27	4 - 60
Pulmonary Disease	54	20	19 - 43	40	35	19 - 50
Renal Failure	3	100	17 - 93	0	-	-
Severe Acute Heart Disease	11	55	22 - 76	20	50	27 - 69
Severe Chronic Heart Disease	21	14	11 - 44	31	19	14 - 43
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	27	0	0 - 22	34	0	0 - 17
Gynecologic Disease	6	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	41	0	1 - 12	32	3	0 - 33
Musculoskeletal/Skin Conditions	39	3	0 - 25	38	0	0 - 15
Neuropsychiatric/Sensory Disease	18	0	0 - 39	14	0	0 - 99
Urologic Disease	4	0	0 -100	5	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	46
Occupancy Rate (%):	52
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	60
Interns and Residents:	0
Registered Nurses:	14
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GRISELL MEM HOSP

PO BOX 268
RANSOM, KS 67572

Medicare Hospital Provider Number: 170121

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	56	11	5 - 23	54	9	6 - 24
Cancer	2	50	7 - 95	1	100	1 - 97
Cerebrovascular Accidents	2	100	8 - 91	1	0	0 - 99
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 97
Infectious Disease	1	0	0 - 97	1	0	2 - 97
Metabolic/Electrolyte Disorders	0	-	-	1	100	1 - 97
Pulmonary Disease	1	0	0 - 97	4	0	3 - 71
Renal Failure	0	-	-	1	0	2 - 97
Severe Acute Heart Disease	0	-	-	1	0	1 - 97
Severe Chronic Heart Disease	4	50	3 - 82	3	67	3 - 86
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	0	0 -100	6	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	7	0	0 - 99	5	0	0 -100
Musculoskeletal/Skin Conditions	6	0	0 -100	5	0	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	1	0	0 -100
Urologic Disease	2	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	51
Occupancy Rate (%):	73
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	4
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HADLEY REG MED CTR

201 E 7TH ST
HAYS, KS 67601

Medicare Hospital Provider Number: 170013

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	821	9	10 - 15	875	9	9 - 14
Cancer	19	47	26 - 70	21	43	26 - 68
Cerebrovascular Accidents	29	17	16 - 45	23	22	14 - 49
Gastrointestinal Catastrophes	6	33	13 - 80	6	50	8 - 76
Infectious Disease	2	50	1 - 93	6	33	13 - 79
Metabolic/Electrolyte Disorders	33	9	10 - 38	34	18	11 - 43
Pulmonary Disease	33	18	14 - 43	46	15	18 - 42
Renal Failure	3	100	15 - 90	0	-	-
Severe Acute Heart Disease	26	42	23 - 61	19	37	25 - 67
Severe Chronic Heart Disease	31	26	12 - 43	25	36	11 - 49
Severe Trauma	3	0	4 - 79	0	-	-
Gastrointestinal Disease	58	2	3 - 13	48	4	0 - 22
Gynecologic Disease	17	0	0 -100	15	0	0 -100
Low-Risk Heart Disease	67	1	2 - 11	70	3	2 - 13
Musculoskeletal/Skin Conditions	70	1	2 - 11	83	1	1 - 10
Neuropsychiatric/Sensory Disease	54	2	0 - 16	99	1	0 - 9
Urologic Disease	73	0	0 - 12	71	0	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	125
Occupancy Rate (%):	48
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	50
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	0
Registered Nurses:	92
Licensed Practical Nurses:	23

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HALSTEAD HOSP

328 POPLAR ST
HALSTEAD, KS 67056

Medicare Hospital Provider Number: 170144

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,295	7	6 - 11	1,327	4	6 - 10
Cancer	48	42	28 - 58	29	41	23 - 60
Cerebrovascular Accidents	24	13	13 - 42	14	29	10 - 57
Gastrointestinal Catastrophes	9	44	12 - 71	9	11	14 - 63
Infectious Disease	3	33	5 - 86	11	0	15 - 50
Metabolic/Electrolyte Disorders	2	50	0 - 94	5	0	13 - 70
Pulmonary Disease	28	18	15 - 46	31	13	15 - 42
Renal Failure	2	100	7 - 92	0	-	-
Severe Acute Heart Disease	21	24	20 - 57	30	27	23 - 55
Severe Chronic Heart Disease	41	27	15 - 43	26	15	11 - 41
Severe Trauma	1	0	0 -100	1	0	0 - 98
Gastrointestinal Disease	81	5	1 - 16	97	1	1 - 8
Gynecologic Disease	34	0	0 -100	24	0	0 - 99
Low-Risk Heart Disease	153	2	2 - 7	155	4	1 - 9
Musculoskeletal/Skin Conditions	307	1	1 - 5	328	1	1 - 4
Neuropsychiatric/Sensory Disease	31	0	0 - 21	47	0	0 - 19
Urologic Disease	103	2	0 - 24	90	1	0 - 19

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	152
Occupancy Rate (%):	54
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	34
Percent of Physicians Who Are Board Certified Specialists:	68
Interns and Residents:	0
Registered Nurses:	78
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

HAMILTON CO HOSP

EAST GATE ST BOX 909
SYRACUSE, KS 67878

Medicare Hospital Provider Number: 170079

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	57	12	6 - 24	58	7	8 - 23
Cancer	1	100	3 - 99	0	-	-
Cerebrovascular Accidents	1	100	0 - 98	4	25	9 - 82
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	0 - 98	0	-	-
Metabolic/Electrolyte Disorders	3	0	1 - 83	0	-	-
Pulmonary Disease	4	0	3 - 71	3	33	1 - 88
Renal Failure	0	-	-	1	0	1 - 97
Severe Acute Heart Disease	2	100	10 - 94	3	0	11 - 83
Severe Chronic Heart Disease	2	50	1 - 93	5	0	5 - 63
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	3	0	0 -100	5	0	0 -100
Gynecologic Disease	4	0	0 -100	0	-	-
Low-Risk Heart Disease	10	0	0 - 65	8	0	0 - 96
Musculoskeletal/Skin Conditions	6	17	0 -100	3	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	1	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	56
Occupancy Rate (%):	57
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HERINGTON MUN HOSP

100 E HELEN ST
HERINGTON, KS 67449

Medicare Hospital Provider Number: 170115

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	243	14	13 - 23	246	15	12 - 22
Cancer	4	50	17 - 93	4	75	18 - 92
Cerebrovascular Accidents	11	9	12 - 53	7	29	11 - 72
Gastrointestinal Catastrophes	2	0	5 - 89	1	0	0 - 99
Infectious Disease	5	20	11 - 78	8	38	13 - 74
Metabolic/Electrolyte Disorders	9	11	1 - 64	7	14	2 - 67
Pulmonary Disease	38	34	19 - 50	38	29	14 - 45
Renal Failure	2	0	3 - 89	1	100	2 - 98
Severe Acute Heart Disease	11	18	22 - 69	10	30	20 - 73
Severe Chronic Heart Disease	10	40	14 - 69	14	43	13 - 61
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	23	0	1 - 22	28	0	1 - 19
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	28	4	0 - 34	33	0	1 - 15
Musculoskeletal/Skin Conditions	28	4	1 - 27	17	6	0 - 46
Neuropsychiatric/Sensory Disease	3	0	0 -100	6	0	0 -100
Urologic Disease	5	0	0 -100	13	0	0 - 88

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	32
Occupancy Rate (%):	31
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HIAWATHA HOSP ASSOC

300 UTAH ST
HIAWATHA, KS 66434

Medicare Hospital Provider Number: 170004

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	334	13	12 - 20	371	13	10 - 18
Cancer	12	83	26 - 71	7	43	18 - 82
Cerebrovascular Accidents	12	42	14 - 66	11	18	15 - 62
Gastrointestinal Catastrophes	0	-	-	1	100	0 - 98
Infectious Disease	4	25	8 - 82	6	17	16 - 77
Metabolic/Electrolyte Disorders	7	0	3 - 55	2	0	1 - 91
Pulmonary Disease	39	31	20 - 50	32	28	13 - 46
Renal Failure	1	100	1 -100	1	100	3 - 99
Severe Acute Heart Disease	13	15	19 - 61	20	35	25 - 65
Severe Chronic Heart Disease	23	13	9 - 40	16	19	8 - 49
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	25	4	0 - 40	34	9	0 - 45
Gynecologic Disease	4	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	48	0	1 - 11	46	2	1 - 16
Musculoskeletal/Skin Conditions	33	0	0 - 19	45	4	1 - 19
Neuropsychiatric/Sensory Disease	5	0	0 -100	9	22	0 -100
Urologic Disease	21	0	1 - 26	11	0	0 - 93

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	35
Occupancy Rate (%):	51
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	16
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HODGEMAN CO HEALTH CENTER

809 BRAMLEY-PO BOX 367
JETMORE, KS 67854

Medicare Hospital Provider Number: 170090

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	37	22	7 - 35	40	15	4 - 29
Cancer	1	100	1 - 97	0	-	-
Cerebrovascular Accidents	1	0	1 - 97	2	100	4 - 88
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 -100	0	-	-
Pulmonary Disease	8	38	6 - 68	6	17	3 - 68
Renal Failure	1	100	2 - 97	0	-	-
Severe Acute Heart Disease	1	0	1 - 97	2	0	5 - 89
Severe Chronic Heart Disease	0	-	-	2	50	1 - 93
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	20	0 - 99	3	0	0 -100
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	3	0	0 -100	2	0	0 -100
Musculoskeletal/Skin Conditions	5	0	0 -100	2	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	3	33	4 - 86	5	20	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	53
Occupancy Rate (%):	64
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOISINGTON LUTHERAN HOSP

250 W NINTH ST
HOISINGTON, KS 67544

Medicare Hospital Provider Number: 170112

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	167	14	8 - 19	160	12	9 - 20
Cancer	2	0	5 - 89	2	50	4 - 92
Cerebrovascular Accidents	9	22	8 - 62	7	29	4 - 68
Gastrointestinal Catastrophes	0	-	-	2	50	3 - 92
Infectious Disease	0	-	-	4	0	11 - 74
Metabolic/Electrolyte Disorders	3	33	1 - 88	5	20	8 - 76
Pulmonary Disease	19	32	15 - 57	13	38	10 - 60
Renal Failure	1	100	2 - 97	2	50	7 - 97
Severe Acute Heart Disease	6	67	12 - 78	3	33	6 - 87
Severe Chronic Heart Disease	8	38	5 - 67	9	22	8 - 62
Severe Trauma	1	100	3 - 98	0	-	-
Gastrointestinal Disease	13	0	0 - 89	14	0	0 - 52
Gynecologic Disease	4	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	18	6	0 - 69	15	0	0 - 66
Musculoskeletal/Skin Conditions	17	0	0 - 73	11	0	0 -100
Neuropsychiatric/Sensory Disease	18	0	0 - 70	14	7	0 - 90
Urologic Disease	3	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	48
Occupancy Rate (%):	44
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOLTON CITY HOSPITAL

510 KANSAS AVE
HOLTON, KS 66436

Medicare Hospital Provider Number: 170160

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	103	17	7 - 23	131	20	9 - 23
Cancer	3	67	8 - 89	4	75	10 - 84
Cerebrovascular Accidents	3	67	4 - 86	14	43	10 - 59
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	4	0	1 - 75	3	0	0 - 94
Pulmonary Disease	19	21	8 - 47	25	36	11 - 49
Renal Failure	2	100	7 - 91	0	-	-
Severe Acute Heart Disease	0	-	-	1	0	1 - 97
Severe Chronic Heart Disease	10	20	6 - 58	6	17	6 - 68
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	6	0	0 -100	6	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	13	8	0 - 97	20	5	0 - 72
Musculoskeletal/Skin Conditions	7	0	0 -100	10	0	0 - 91
Neuropsychiatric/Sensory Disease	1	0	0 -100	2	0	0 -100
Urologic Disease	3	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	21
Occupancy Rate (%):	14
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	25
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HORTON COMM HOSP

240 W 18TH ST
HORTON, KS 66439

Medicare Hospital Provider Number: 170067

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	194	14	8 - 19	282	11	12 - 20
Cancer	3	67	3 - 86	5	60	11 - 82
Cerebrovascular Accidents	2	50	0 - 94	9	22	10 - 64
Gastrointestinal Catastrophes	1	0	1 - 97	0	-	-
Infectious Disease	3	67	2 - 86	7	14	11 - 68
Metabolic/Electrolyte Disorders	2	50	4 - 93	8	25	2 - 67
Pulmonary Disease	20	25	12 - 51	31	23	19 - 50
Renal Failure	1	100	3 - 99	2	50	7 - 97
Severe Acute Heart Disease	5	60	10 - 81	7	29	18 - 79
Severe Chronic Heart Disease	11	27	6 - 59	23	13	12 - 42
Severe Trauma	0	-	-	1	0	2 - 97
Gastrointestinal Disease	22	0	2 - 22	24	0	0 - 30
Gynecologic Disease	5	0	0 -100	4	0	1 - 80
Low-Risk Heart Disease	19	5	0 - 48	42	0	1 - 12
Musculoskeletal/Skin Conditions	13	0	0 - 48	22	5	0 - 55
Neuropsychiatric/Sensory Disease	3	0	0 -100	7	0	0 - 99
Urologic Disease	11	0	0 - 82	11	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 35
Occupancy Rate (%): 31
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 4
Percent of Physicians Who Are Board Certified Specialists: 100
Interns and Residents: 0
Registered Nurses: 7
Licensed Practical Nurses: 4

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

HOSP DIST 1 OF CRAWFORD CO

RR 2 BOX 5A
GIRARD, KS 66743

Medicare Hospital Provider Number: 170098

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	204	18	12 - 23	175	17	8 - 20
Cancer	8	75	19 - 77	2	50	8 - 99
Cerebrovascular Accidents	11	36	9 - 63	7	29	7 - 69
Gastrointestinal Catastrophes	2	100	2 - 88	1	0	0 - 99
Infectious Disease	4	25	6 - 80	2	50	1 - 93
Metabolic/Electrolyte Disorders	12	0	11 - 44	5	20	2 - 76
Pulmonary Disease	16	31	8 - 54	10	40	6 - 63
Renal Failure	4	100	14 - 81	1	100	3 - 99
Severe Acute Heart Disease	11	73	23 - 73	6	83	14 - 74
Severe Chronic Heart Disease	8	13	5 - 59	12	25	8 - 57
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	0	0 - 46	16	13	0 - 99
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	21	0	0 - 38	28	4	1 - 25
Musculoskeletal/Skin Conditions	8	0	0 -100	15	0	0 - 86
Neuropsychiatric/Sensory Disease	5	0	0 -100	3	0	0 -100
Urologic Disease	12	0	0 - 97	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	25
Occupancy Rate (%):	48
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	15
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOSP DISTRICT 5 HARPER COUNTY

12TH MAPLE STS
HARPER, KS 67058

Medicare Hospital Provider Number: 170151

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	146	19	9 - 23	152	17	11 - 24
Cancer	2	100	10 - 93	2	50	5 - 93
Cerebrovascular Accidents	8	38	6 - 68	4	25	5 - 80
Gastrointestinal Catastrophes	1	0	1 - 97	1	100	3 - 99
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	6	33	3 - 74	10	10	6 - 54
Pulmonary Disease	17	29	10 - 54	26	27	14 - 49
Renal Failure	0	-	-	1	0	0 - 99
Severe Acute Heart Disease	10	70	18 - 71	10	60	19 - 74
Severe Chronic Heart Disease	5	0	9 - 65	5	60	6 - 78
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	11	0	0 - 89	9	0	0 -100
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	22	0	0 - 36	14	7	0 - 74
Musculoskeletal/Skin Conditions	12	0	0 - 62	19	5	0 - 52
Neuropsychiatric/Sensory Disease	4	0	0 -100	4	0	0 -100
Urologic Disease	2	50	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	29
Occupancy Rate (%):	38
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOSPITAL DIST 1 OF RICE COUNTY

619 S CLARK ST
LYONS, KS 67554

Medicare Hospital Provider Number: 170051

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	210	25	14 - 26	222	20	10 - 21
Cancer	8	75	23 - 80	4	100	16 - 79
Cerebrovascular Accidents	12	50	8 - 61	13	38	9 - 59
Gastrointestinal Catastrophes	0	-	-	1	100	2 -100
Infectious Disease	1	100	1 - 97	3	33	1 - 88
Metabolic/Electrolyte Disorders	15	27	6 - 54	7	43	1 - 77
Pulmonary Disease	20	40	12 - 54	25	36	12 - 50
Renal Failure	1	100	0 - 98	2	50	2 - 93
Severe Acute Heart Disease	29	59	26 - 62	10	50	18 - 74
Severe Chronic Heart Disease	17	18	8 - 47	14	43	10 - 59
Severe Trauma	1	0	0 -100	0	-	-
Gastrointestinal Disease	19	0	1 - 31	22	0	0 - 47
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	22	0	0 - 29	40	2	0 - 22
Musculoskeletal/Skin Conditions	11	0	0 - 96	20	0	0 - 68
Neuropsychiatric/Sensory Disease	5	20	0 - 99	6	0	0 - 82
Urologic Disease	3	0	0 -100	4	25	0 - 90

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	44
Occupancy Rate (%):	34
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOSPITAL DISTRICT #1 OF SUMNER COUNT

601 SOUTH OSAGE
CALDWELL,, KS 67022

Medicare Hospital Provider Number: 170152

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	121	13	8 - 21	139	14	10 - 22
Cancer	1	0	2 - 97	0	-	-
Cerebrovascular Accidents	4	0	8 - 72	9	56	14 - 72
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	0 - 99	2	0	3 - 88
Metabolic/Electrolyte Disorders	0	-	-	1	0	1 - 97
Pulmonary Disease	11	45	12 - 66	9	33	15 - 71
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	3	0	12 - 84	5	80	17 - 83
Severe Chronic Heart Disease	4	50	9 - 85	11	9	8 - 50
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	19	11	0 - 72	10	0	0 -100
Gynecologic Disease	2	0	0 -100	0	-	-
Low-Risk Heart Disease	15	7	0 - 72	24	0	1 - 24
Musculoskeletal/Skin Conditions	10	0	0 - 85	13	0	0 - 84
Neuropsychiatric/Sensory Disease	1	0	0 -100	5	0	0 -100
Urologic Disease	2	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	27
Occupancy Rate (%):	22
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOSPITAL DISTRICT #6 OF HARPER COUNT

1101 E SPRING ST
ANTHONY, KS 67003

Medicare Hospital Provider Number: 170124

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	177	14	10 - 21	164	10	9 - 19
Cancer	5	60	9 - 80	3	33	8 - 89
Cerebrovascular Accidents	11	18	12 - 59	7	0	13 - 58
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	5	60	10 - 81	2	100	4 - 88
Metabolic/Electrolyte Disorders	6	33	2 - 76	6	17	1 - 76
Pulmonary Disease	12	25	7 - 57	21	19	9 - 46
Renal Failure	2	100	10 - 95	3	67	10 - 92
Severe Acute Heart Disease	6	67	16 - 82	5	20	7 - 75
Severe Chronic Heart Disease	9	33	4 - 64	12	17	8 - 53
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	13	0	0 - 81	15	0	0 - 69
Gynecologic Disease	2	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	31	3	1 - 25	24	0	0 - 31
Musculoskeletal/Skin Conditions	14	0	0 - 80	11	0	0 - 61
Neuropsychiatric/Sensory Disease	7	0	0 -100	6	0	0 -100
Urologic Disease	3	0	0 -100	8	25	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 25
Occupancy Rate (%): 52
Ownership/Control: District/Authority

STAFFING

Total Number of Physicians: 6
Percent of Physicians Who Are Board Certified Specialists: 50
Interns and Residents: 0
Registered Nurses: 13
Licensed Practical Nurses: 0

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

HUMANA HOSPITAL DODGE CITY

3001 AVE A PO BOX 1478
DODGE CITY, KS 67801

Medicare Hospital Provider Number: 170175

Diagnostic Category	**Calender Year 1987**			**Calender Year 1986**		
	Cases	**Actual Mortality Rate (%)**	**Range For Predicted Mortality (%)**	**Cases**	**Actual Mortality Rate (%)**	**Range For Predicted Mortality (%)**
All Cases	926	11	8 - 13	891	11	8 - 14
Cancer	19	68	29 - 70	12	58	22 - 74
Cerebrovascular Accidents	22	50	12 - 53	30	37	12 - 47
Gastrointestinal Catastrophes	6	17	7 - 70	4	50	5 - 82
Infectious Disease	1	0	2 - 97	11	36	8 - 63
Metabolic/Electrolyte Disorders	15	13	7 - 49	6	17	2 - 70
Pulmonary Disease	41	12	15 - 39	43	30	16 - 45
Renal Failure	0	-	-	2	0	6 - 90
Severe Acute Heart Disease	38	42	25 - 57	33	45	23 - 57
Severe Chronic Heart Disease	30	23	9 - 41	44	25	13 - 40
Severe Trauma	1	0	2 - 97	1	0	0 -100
Gastrointestinal Disease	84	8	0 - 20	90	4	2 - 13
Gynecologic Disease	16	0	0 -100	11	0	0 -100
Low-Risk Heart Disease	85	2	1 - 10	65	2	1 - 11
Musculoskeletal/Skin Conditions	119	1	1 - 7	99	1	1 - 8
Neuropsychiatric/Sensory Disease	34	3	0 - 31	20	0	0 - 69
Urologic Disease	64	3	1 - 15	95	2	1 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 110
Occupancy Rate (%): 63
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: 39
Percent of Physicians Who Are Board Certified Specialists: 54
Interns and Residents: 0
Registered Nurses: 62
Licensed Practical Nurses: 19

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

Humana Hospital
Dodge City

Medicare Provider Number
170175

October 21, 1988

Mrs. Sandra Kappert
Health Standards & Quality Bureau, HCFA
2-D-2 Meadows East Bldg.
6325 Security Blvd.
Baltimore, Maryland 21207

Dear Mrs. Kappert:

I appreciate the opportunity to comment on the Medicare Patient Mortality data and the hospital profile characteristics to be published by the Health Care Financing Administration. The information serves as a part of this hospital's and the health care industry's ongoing quality assurance programs.

HCFA's efforts to provide our hospital specifically, and the health care industry in general, with quality assurance information should be commended.

I also appreciate your public position that even though attempts have been made to further refine the manipulation of the data, this information is limited and cannot be used as a complete measure of quality.

I am very proud of the quality assurance program that is in place at Humana Hospital Dodge City; it is well-established and includes routine review by the Joint Commission on Accreditation of Healthcare Organizations and other outside review agencies, ongoing utilization review, quality assurance, in-hospital morbidity and mortality reviews and analyses of all inpatient mortality.

The raw numbers that you have provided in this release further assist us in confirming our records and in analyzing Medicare patient mortality.

The Medical Records Department, Quality Assurance Committee and the Executive Committee of the medical staff have reviewed the statistics provided by HCFA. Since some of the deaths attributed to patients in our hospital after discharge, we have been unable to complete and validate the data. By category, the number of patients in many cases is too limited to provide a valid statistical analysis. Additionally, predicted ranges have been developed in such a complex and unverifiable way, it would be useless to consider them "standard" ranges.

I am also concerned that the information listed under "Hospital Characteristics" contains inaccurate figures inconsistent with our hospital records, thus we are unable to confirm any of that data.

We stand ready to aid our community in reviewing this very complex data and explaining how this type of information is used to affirm and improve the quality of health care services.

Sincerely,

I. Lynn Jeane
Executive Director

ILJ/nf

HUMANA HOSPITAL-OVERLAND PARK

10500 QUIVIRA RD
OVERLAND PARK, KS 66215

Medicare Hospital Provider Number: 170176

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,184	10	8 - 13	1,144	9	9 - 14
Cancer	33	30	28 - 62	27	26	26 - 61
Cerebrovascular Accidents	46	15	16 - 38	31	23	16 - 47
Gastrointestinal Catastrophes	8	38	10 - 71	8	13	12 - 65
Infectious Disease	12	33	12 - 64	16	31	16 - 62
Metabolic/Electrolyte Disorders	20	30	9 - 52	24	21	12 - 49
Pulmonary Disease	47	32	14 - 42	51	29	17 - 44
Renal Failure	3	67	8 - 90	8	13	14 - 75
Severe Acute Heart Disease	34	41	24 - 58	40	45	25 - 56
Severe Chronic Heart Disease	36	28	14 - 44	38	26	14 - 43
Severe Trauma	1	0	0 - 98	3	0	4 - 79
Gastrointestinal Disease	102	2	1 - 9	108	1	1 - 7
Gynecologic Disease	21	0	0 -100	15	0	0 -100
Low-Risk Heart Disease	135	4	1 - 9	138	2	1 - 8
Musculoskeletal/Skin Conditions	169	1	1 - 6	164	2	1 - 8
Neuropsychiatric/Sensory Disease	32	0	0 - 23	34	0	1 - 17
Urologic Disease	68	1	0 - 17	36	3	0 - 54

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 400
Occupancy Rate (%): 30
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: 243
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: 0
Registered Nurses: 235
Licensed Practical Nurses: 16

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

P.O. Box 15959
10300 Quivira Road
Overland Park, Kansas
66215
Telephone 913 541-5000

**Humana Hospital
Overland Park**

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Maryland 21207

Dear Mrs. Kappert:

I appreciate the opportunity to comments on the Medicare patient mortality data and the hospital profile characteristics to be published by the Health Care Financing Administration. This information serves as a part of this hospital's and the health care industry's ongoing quality assurance programs.

HCFA's efforts to provide our hospital specifically, and the health care industry in general, with quality assurance information should be commended.

I also appreciate your public position that even though attempts have been made to further refine the manipulation of the data, this information is limited and cannot be used as a complete measure of quality.

I am proud of the Quality Assurance Program at Humana Hospital - Overland Park; it is well-established and includes routine review by the Joint Commission on Accreditation of Healthcare Organizations and other outside review agencies, ongoing utilization review, quality assurance, in-hospital morbidity and mortality reviews and analyses of all inpatient mortality.

The raw numbers that you have provided in this release further assist us in confirming our records and in analyzing Medicare patient mortality.

The Medical Staff and Quality Assurance staff have reviewed the statistics provided by HCFA. Since some of the deaths attributed to patients in our hospital occurred after discharge, we have been unable to completely validate the data. By category, the number of patients in many cases is too limited to provide a valid statistical analysis. Additionally, predicted ranges have been developed in such a complex and unverifiable way, it would be useless to consider them "standard" ranges.

I am also concerned that the information listed under "Hospital Characteristics" contains inaccurate figures inconsistent with our hospital records, thus we are unable to confirm any of that data.

We stand ready to aid our community in reviewing this very complex data and explaining how this type of information is used to affirm and improve the quality of health care services.

Sincerely,

Cherie Thomas

Cherie Thomas
Associate Executive Director
Humana Hospital - Overland Park

js

HUTCHINSON HOSP CORP

1701 E 23RD ST
HUTCHINSON, KS 67501

Medicare Hospital Provider Number: 170020

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,964	11	9 - 14	1,960	12	10 - 15
Cancer	66	36	31 - 57	55	45	27 - 56
Cerebrovascular Accidents	61	30	16 - 40	79	29	19 - 40
Gastrointestinal Catastrophes	7	14	9 - 67	18	39	16 - 62
Infectious Disease	35	17	21 - 51	28	36	22 - 59
Metabolic/Electrolyte Disorders	22	18	9 - 47	17	12	8 - 47
Pulmonary Disease	100	22	15 - 34	100	25	16 - 36
Renal Failure	5	60	13 - 87	4	50	13 - 92
Severe Acute Heart Disease	76	42	28 - 52	85	41	29 - 52
Severe Chronic Heart Disease	102	32	15 - 34	109	22	18 - 35
Severe Trauma	0	-	-	2	0	4 - 89
Gastrointestinal Disease	150	3	2 - 8	136	2	1 - 8
Gynecologic Disease	46	0	0 -100	29	0	0 -100
Low-Risk Heart Disease	191	3	2 - 8	200	4	2 - 8
Musculoskeletal/Skin Conditions	240	2	1 - 6	256	2	1 - 5
Neuropsychiatric/Sensory Disease	98	6	0 - 23	115	6	1 - 14
Urologic Disease	90	1	0 - 11	94	0	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	230
Occupancy Rate (%):	52
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	77
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	0
Registered Nurses:	146
Licensed Practical Nurses:	30

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Hutchinson Hospital Corporatio
1701 East 23rd
Hutchinson, Kansas 67502
(316) 665-2000

October 20, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The data used by HCFA measures the relationship between mortality and a selected group of patient characteristics. It is important to recognize the limitations of studies and statistical methods which must be used. Therefore, it continues to be this hospital's opinion that this data is not, in itself, a measure of the hospital's performance. At best this can be used to better focus quality assurance activities. Quality can only be evaluated through a combination of techniques, not through statistical comparisons only.

The hospital characteristics that are reported by HCFA should be amended to read:

Beds (#)	210
Occupancy rate (%)	61% based on licensed beds 84% based on staffed beds

Thank you for the opportunity for input prior to the release of the data.

Sincerely,

Gene Schmidt

Gene Schmidt
President

JEFFERSON CO MEM HOSP INC

ROUTE 1 BOX 1
WINCHESTER, KS 66097

Medicare Hospital Provider Number: 170131

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	158	18	11 - 24	164	20	10 - 23
Cancer	0	-	-	1	100	3 - 98
Cerebrovascular Accidents	13	23	16 - 62	11	27	10 - 61
Gastrointestinal Catastrophes	2	0	1 - 90	2	0	3 - 88
Infectious Disease	4	25	4 - 80	7	29	7 - 70
Metabolic/Electrolyte Disorders	6	0	4 - 59	3	0	0 - 87
Pulmonary Disease	23	48	14 - 54	20	35	11 - 53
Renal Failure	3	67	12 - 95	2	100	11 - 97
Severe Acute Heart Disease	1	100	2 - 97	6	50	14 - 80
Severe Chronic Heart Disease	5	60	5 - 77	9	67	7 - 65
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	16	0	0 - 52	16	0	0 - 90
Gynecologic Disease	6	0	0 -100	0	-	-
Low-Risk Heart Disease	9	0	0 - 75	7	0	0 -100
Musculoskeletal/Skin Conditions	7	0	0 -100	14	7	0 - 94
Neuropsychiatric/Sensory Disease	2	0	0 -100	1	0	0 -100
Urologic Disease	6	0	0 -100	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	136
Occupancy Rate (%):	77
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	14
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

JEWELL CO HOSP

100 CREST VUE
MANKATO, KS 66956

Medicare Hospital Provider Number: 170168

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	21	38	9 - 50	29	38	9 - 45
Cancer	0	-	-	2	100	7 - 91
Cerebrovascular Accidents	1	0	0 - 98	1	100	0 - 98
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 - 99
Pulmonary Disease	4	75	6 - 80	7	43	6 - 71
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	4	50	12 - 87	2	100	11 - 95
Severe Chronic Heart Disease	3	33	2 - 87	3	33	0 - 93
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	3	33	0 -100	4	25	0 - 94
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	0	-	-
Musculoskeletal/Skin Conditions	0	-	-	3	33	0 - 97
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	61
Occupancy Rate (%):	(not available)
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

KEARNY CO HOSP

500 THORPE AVE P O BOX 744
LAKIN, KS 67860

Medicare Hospital Provider Number: 170100

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	82	12	6 - 21	73	15	7 - 24
Cancer	0	-	-	1	0	0 - 98
Cerebrovascular Accidents	1	100	3 - 98	0	-	-
Gastrointestinal Catastrophes	1	0	0 - 99	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	50	0 - 94	0	-	-
Pulmonary Disease	10	20	10 - 61	11	36	7 - 62
Renal Failure	0	-	-	2	50	6 - 96
Severe Acute Heart Disease	0	-	-	3	67	13 - 94
Severe Chronic Heart Disease	4	75	5 - 80	3	0	1 - 82
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	4	25	3 - 79	6	0	0 -100
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	16	0	0 - 43	13	8	0 - 75
Musculoskeletal/Skin Conditions	12	0	0 -100	7	0	0 - 91
Neuropsychiatric/Sensory Disease	0	-	-	2	0	0 -100
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	30
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

KINGMAN COMM HOSP

750 AVENUE D WEST
KINGMAN, KS 67068

Medicare Hospital Provider Number: 170052

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	175	20	11 - 23	227	17	8 - 19
Cancer	2	100	8 - 91	6	67	18 - 83
Cerebrovascular Accidents	7	57	7 - 72	6	33	4 - 73
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 98
Infectious Disease	5	40	4 - 78	3	67	6 - 87
Metabolic/Electrolyte Disorders	11	36	8 - 63	4	0	2 - 72
Pulmonary Disease	13	15	13 - 56	18	28	12 - 54
Renal Failure	1	100	1 - 97	1	100	1 - 97
Severe Acute Heart Disease	11	64	22 - 75	9	67	16 - 72
Severe Chronic Heart Disease	10	40	13 - 68	6	0	12 - 61
Severe Trauma	2	0	2 - 89	0	-	-
Gastrointestinal Disease	14	0	0 - 71	23	4	0 - 74
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	14	0	0 - 58	25	4	0 - 48
Musculoskeletal/Skin Conditions	12	17	0 -100	18	11	0 - 66
Neuropsychiatric/Sensory Disease	5	0	0 -100	13	0	0 -100
Urologic Disease	5	20	0 -100	11	0	0 - 96

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	33
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	13
Percent of Physicians Who Are Board Certified Specialists:	92
Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

KIOWA CO MEM HOSP

501 S WALNUT ST
GREENSBURG, KS 67054

Medicare Hospital Provider Number: 170053

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	144	15	11 - 24	143	13	11 - 23
Cancer	5	60	20 - 92	2	0	11 - 94
Cerebrovascular Accidents	7	43	7 - 71	12	33	8 - 59
Gastrointestinal Catastrophes	1	0	0 - 98	0	-	-
Infectious Disease	1	0	0 - 98	2	50	2 - 92
Metabolic/Electrolyte Disorders	3	0	0 - 93	9	11	2 - 58
Pulmonary Disease	19	26	12 - 53	18	22	14 - 53
Renal Failure	0	-	-	1	100	3 - 99
Severe Acute Heart Disease	11	36	21 - 73	12	33	17 - 67
Severe Chronic Heart Disease	4	50	6 - 82	6	17	7 - 69
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	7	0	0 -100	10	0	0 - 90
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	20	0	0 - 34	20	5	0 - 57
Musculoskeletal/Skin Conditions	13	0	0 - 96	18	6	0 - 98
Neuropsychiatric/Sensory Disease	0	-	-	6	0	0 - 69
Urologic Disease	9	11	0 - 91	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	24
Occupancy Rate (%):	50
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

KIOWA DISTRICT HOSP

810 DRUMM ST
KIOWA, KS 67070

Medicare Hospital Provider Number: 170081

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	103	18	10 - 26	122	19	11 - 25
Cancer	0	-	-	3	67	9 - 90
Cerebrovascular Accidents	5	40	4 - 77	8	38	7 - 68
Gastrointestinal Catastrophes	0	-	-	4	25	1 - 83
Infectious Disease	1	0	0 - 98	1	0	2 - 98
Metabolic/Electrolyte Disorders	0	-	-	2	50	2 - 92
Pulmonary Disease	18	28	9 - 51	16	19	10 - 51
Renal Failure	0	-	-	2	100	6 - 91
Severe Acute Heart Disease	13	54	23 - 73	11	64	20 - 73
Severe Chronic Heart Disease	1	100	0 -100	4	25	2 - 80
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 -100	16	0	0 - 70
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	11	0	0 - 82	11	0	0 - 76
Musculoskeletal/Skin Conditions	4	0	0 -100	12	0	0 - 81
Neuropsychiatric/Sensory Disease	9	0	0 - 99	3	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	24
Occupancy Rate (%):	25
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LABETTE CO MEDICAL CENTER

SOUTH HWY 59
PARSONS, KS 67357

Medicare Hospital Provider Number: 170120

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,009	13	10 - 16	958	10	9 - 14
Cancer	20	45	25 - 68	19	74	27 - 68
Cerebrovascular Accidents	32	38	16 - 50	33	24	15 - 45
Gastrointestinal Catastrophes	6	67	12 - 79	3	33	3 - 86
Infectious Disease	24	38	19 - 59	3	67	2 - 86
Metabolic/Electrolyte Disorders	22	14	9 - 44	18	22	9 - 51
Pulmonary Disease	110	26	17 - 37	77	17	18 - 38
Renal Failure	7	43	11 - 80	1	100	0 -100
Severe Acute Heart Disease	39	54	28 - 60	32	34	27 - 60
Severe Chronic Heart Disease	39	41	11 - 42	36	22	15 - 43
Severe Trauma	1	0	0 -100	0	-	-
Gastrointestinal Disease	92	2	1 - 10	77	0	1 - 7
Gynecologic Disease	12	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	98	3	1 - 11	102	1	2 - 8
Musculoskeletal/Skin Conditions	140	2	0 - 9	135	1	0 - 8
Neuropsychiatric/Sensory Disease	11	9	0 - 99	25	4	0 - 43
Urologic Disease	37	0	0 - 42	27	4	0 - 61

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	109
Occupancy Rate (%):	48
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	25
Percent of Physicians Who Are Board Certified Specialists:	60
Interns and Residents:	0
Registered Nurses:	90
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LANE CO HOSP

243 S 2ND ST PO BOX 969
DIGHTON, KS 67839

Medicare Hospital Provider Number: 170108

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	16	12	2 - 45	26	27	6 - 42
Cancer	0	-	-	1	100	1 - 97
Cerebrovascular Accidents	1	0	1 - 97	1	0	1 - 97
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	100	2 - 97	2	100	4 - 88
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	1	0	0 -100	2	50	0 - 99
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	0	0 - 98	6	33	9 - 75
Severe Chronic Heart Disease	0	-	-	1	0	0 - 99
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	1	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	1	0	0 -100	2	0	0 -100
Musculoskeletal/Skin Conditions	5	20	0 - 99	1	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	31
Occupancy Rate (%):	65
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LAWRENCE MEMORIAL HOSP

325 MAINE ST
LAWRENCE, KS 66044

Medicare Hospital Provider Number: 170137

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,231	16	10 - 15	1,131	14	10 - 15
Cancer	31	58	29 - 65	31	45	27 - 64
Cerebrovascular Accidents	49	41	16 - 45	49	37	16 - 44
Gastrointestinal Catastrophes	10	50	9 - 67	9	33	13 - 71
Infectious Disease	26	50	22 - 61	27	26	18 - 54
Metabolic/Electrolyte Disorders	16	13	5 - 46	13	46	4 - 60
Pulmonary Disease	66	33	16 - 41	76	28	14 - 36
Renal Failure	3	33	10 - 93	1	100	0 - 99
Severe Acute Heart Disease	49	55	30 - 58	45	47	23 - 53
Severe Chronic Heart Disease	48	25	13 - 39	59	25	12 - 36
Severe Trauma	0	-	-	3	0	9 - 82
Gastrointestinal Disease	109	6	1 - 13	87	2	1 - 10
Gynecologic Disease	12	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	86	1	2 - 9	99	6	1 - 14
Musculoskeletal/Skin Conditions	134	1	1 - 6	117	6	0 - 16
Neuropsychiatric/Sensory Disease	61	2	0 - 24	59	3	1 - 16
Urologic Disease	36	0	0 - 55	36	0	0 - 27

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	190
Ownership/Control:	Local Government

STAFFING

Interns and Residents:	0
Registered Nurses:	85
Licensed Practical Nurses:	17

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Attachment 1

October 7, 1988

Medicare Provider Number: 170137

TO: Health Care Financing Administration

FROM: Lawrence Memorial Hospital, Lawrence, Kansas

BOARD OF TRUSTEES

Jackie Shmalberg
Marnie Argersinger
James Turner
Robert Stephens
Joan Golden
Roger Hill
Howard Mossberg

EXECUTIVE DIRECTOR

Robert B. Ohlen
F.A.C.H.A., F.R.S.H.

Data Verification

The data used by HCFA indicate that a total of 1.231 Medicare patients were admitted to Lawrence Memorial Hospital in 1987. Our own records show that 1,727 Medicare admissions occurred during 1987. Presumably this reflects multiple admissions of Medicare beneficiaries. HCFA data indicate that 191 Medicare patients died within 30 days of admission and 149 died while still a patient of the hospital. While 42 are reported to have died after discharge from LMH, we cannot verify these numbers as cause of death or date of death after discharge is not included in the patient's medical record.

Interpretive Comments

It should be noted that these data apply only to Medicare beneficiaries, not a general hospital population. The mean age of the LMH patients in this study of mortality was 82 years.

HCFA states that the data could be useful for hospital medical staff and administration. At Lawrence Memorial Hospital, mortality review for all patients who die within the hospital is a regular part of an ongoing quality assessment program.

We would like to point out that we found a number of minor errors in the HCFA report, primarily inaccurate medical record numbers.

Because of our own attention to quality assessment programs, we find that this report has limited usefulness. We support the HCFA statement that this information should not be used to make judgments about the quality of care in a particular hospital.

Survey and Year: 1987

Number of staffed beds: 124
Ownership/Control: City
Staffing:
  RN's per bed: 1.29
  LPN's per bed: 0.16

Lawrence Memorial Hospital

325 Maine Lawrence, Kansas 66044 (913) 749-6100

LINCOLN CO HOSP

624 N 2ND ST
LINCOLN, KS 67455

Medicare Hospital Provider Number: 170056

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	140	11	12 - 24	115	17	17 - 31
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	4	0	12 - 75	0	-	-
Gastrointestinal Catastrophes	0	-	-	1	0	1 - 97
Infectious Disease	8	13	11 - 64	5	20	8 - 76
Metabolic/Electrolyte Disorders	11	18	6 - 57	9	22	10 - 65
Pulmonary Disease	17	24	14 - 55	19	16	26 - 61
Renal Failure	4	0	20 - 87	0	-	-
Severe Acute Heart Disease	6	50	18 - 84	7	57	21 - 84
Severe Chronic Heart Disease	12	8	9 - 49	8	13	9 - 61
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	3	0	0 - 99	6	33	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	22	5	0 - 51	10	0	0 - 54
Musculoskeletal/Skin Conditions	10	10	0 - 90	6	0	0 - 83
Neuropsychiatric/Sensory Disease	7	0	0 -100	5	0	0 -100
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	34
Occupancy Rate (%):	68
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LINDSBORG COMM HOSP

605 W LINCOLN ST
LINDSBORG, KS 67456

Medicare Hospital Provider Number: 170101

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	237	14	10 - 19	227	17	8 - 18
Cancer	3	0	8 - 81	1	100	3 - 99
Cerebrovascular Accidents	7	57	9 - 73	7	57	8 - 72
Gastrointestinal Catastrophes	1	0	1 - 97	2	100	7 - 90
Infectious Disease	2	0	4 - 88	3	0	4 - 79
Metabolic/Electrolyte Disorders	2	50	5 - 93	3	33	4 - 86
Pulmonary Disease	33	24	14 - 45	21	52	15 - 57
Renal Failure	0	-	-	1	100	1 - 97
Severe Acute Heart Disease	14	71	20 - 66	5	20	8 - 75
Severe Chronic Heart Disease	10	30	10 - 64	7	29	12 - 73
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	28	0	1 - 19	22	14	0 - 71
Gynecologic Disease	4	0	0 -100	1	0	2 - 97
Low-Risk Heart Disease	19	0	0 - 37	39	5	0 - 27
Musculoskeletal/Skin Conditions	31	0	1 - 18	38	0	0 - 16
Neuropsychiatric/Sensory Disease	2	0	0 -100	3	0	0 -100
Urologic Disease	8	13	0 - 99	8	13	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	39
Occupancy Rate (%):	33
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LOGAN CO HOSP

211 CHERRY ST
OAKLEY, KS 67748

Medicare Hospital Provider Number: 170134

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	98	14	12 - 26	117	18	10 - 24
Cancer	2	0	1 - 90	1	0	1 - 97
Cerebrovascular Accidents	6	17	7 - 69	5	60	5 - 77
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	0	0 - 98
Metabolic/Electrolyte Disorders	2	50	7 - 96	5	0	5 - 64
Pulmonary Disease	25	20	14 - 48	17	35	10 - 55
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	5	80	9 - 76	7	57	15 - 78
Severe Chronic Heart Disease	7	43	6 - 71	11	36	6 - 61
Severe Trauma	0	-	-	1	100	1 - 97
Gastrointestinal Disease	4	0	0 -100	11	0	0 - 98
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	9	0	0 - 92	13	0	0 - 55
Musculoskeletal/Skin Conditions	9	0	0 - 79	9	0	0 - 99
Neuropsychiatric/Sensory Disease	1	0	0 -100	4	0	0 - 99
Urologic Disease	0	-	-	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	39
Occupancy Rate (%):	31
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEADE DISTRICT HOSP

510 E CARTHAGE
MEADE, KS 67864

Medicare Hospital Provider Number: 170055

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	112	15	7 - 21	85	18	5 - 23
Cancer	0	-	-	2	100	9 - 93
Cerebrovascular Accidents	7	29	5 - 69	2	100	3 - 88
Gastrointestinal Catastrophes	1	0	0 - 97	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	100	0 - 99	0	-	-
Pulmonary Disease	7	57	6 - 71	7	43	5 - 71
Renal Failure	1	0	1 - 97	1	100	2 - 97
Severe Acute Heart Disease	5	60	10 - 81	3	67	5 - 86
Severe Chronic Heart Disease	9	33	3 - 64	4	25	2 - 80
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	11	0	0 - 70	11	0	0 - 94
Gynecologic Disease	2	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	14	0	0 - 81	11	0	0 - 93
Musculoskeletal/Skin Conditions	10	0	0 - 97	8	0	0 - 98
Neuropsychiatric/Sensory Disease	4	0	1 - 78	0	-	-
Urologic Disease	4	0	0 -100	4	25	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	26
Occupancy Rate (%):	35
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEDICINE LODGE MEM HOSP

710 N WALNUT ST
MEDICINE LODGE, KS 67104

Medicare Hospital Provider Number: 170102

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	187	11	8 - 18	196	14	9 - 19
Cancer	0	-	-	2	100	10 - 94
Cerebrovascular Accidents	7	14	8 - 65	9	22	8 - 62
Gastrointestinal Catastrophes	1	100	0 - 97	0	-	-
Infectious Disease	1	0	3 - 98	2	50	5 - 93
Metabolic/Electrolyte Disorders	8	13	9 - 62	5	20	5 - 74
Pulmonary Disease	29	10	13 - 39	21	10	8 - 39
Renal Failure	0	-	-	2	50	2 - 93
Severe Acute Heart Disease	4	50	8 - 84	10	40	15 - 71
Severe Chronic Heart Disease	7	29	4 - 68	8	13	6 - 59
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	24	4	0 - 48	22	5	0 - 39
Gynecologic Disease	1	0	0 -100	4	25	0 -100
Low-Risk Heart Disease	25	0	0 - 24	24	4	0 - 42
Musculoskeletal/Skin Conditions	14	7	0 -100	18	6	0 - 68
Neuropsychiatric/Sensory Disease	5	0	0 -100	5	0	0 -100
Urologic Disease	3	0	0 -100	8	25	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	28
Occupancy Rate (%):	43
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	20
Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEMORIAL HOSP

1000 HOSP DR PO BOX 1166
MCPHERSON, KS 67460

Medicare Hospital Provider Number: 170105

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	423	11	9 - 16	444	14	9 - 16
Cancer	8	50	12 - 73	12	67	23 - 73
Cerebrovascular Accidents	16	25	14 - 56	12	25	7 - 57
Gastrointestinal Catastrophes	3	67	6 - 87	2	100	3 - 88
Infectious Disease	5	0	29 - 85	5	20	8 - 76
Metabolic/Electrolyte Disorders	4	25	1 - 83	9	11	6 - 57
Pulmonary Disease	36	17	19 - 46	32	19	10 - 40
Renal Failure	1	0	3 - 99	2	100	10 - 99
Severe Acute Heart Disease	12	42	18 - 70	16	75	26 - 68
Severe Chronic Heart Disease	22	23	8 - 45	29	38	12 - 47
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	53	4	0 - 23	46	2	0 - 19
Gynecologic Disease	4	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	59	0	1 - 9	47	2	0 - 18
Musculoskeletal/Skin Conditions	26	0	0 - 58	43	2	0 - 21
Neuropsychiatric/Sensory Disease	12	0	0 -100	10	0	0 -100
Urologic Disease	27	7	0 - 86	17	6	0 - 91

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	45
Occupancy Rate (%):	56
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	21
Percent of Physicians Who Are Board Certified Specialists:	43
Interns and Residents:	0
Registered Nurses:	30
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEMORIAL HOSP CORP OF TOPEKA

600 SE MADISON
TOPEKA, KS 66607

Medicare Hospital Provider Number: 170138

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	921	10	9 - 14	932	9	8 - 13
Cancer	20	25	19 - 58	21	33	21 - 62
Cerebrovascular Accidents	32	19	15 - 43	26	46	11 - 49
Gastrointestinal Catastrophes	8	25	8 - 67	9	11	14 - 64
Infectious Disease	21	19	15 - 52	23	35	21 - 62
Metabolic/Electrolyte Disorders	6	17	3 - 70	15	33	11 - 59
Pulmonary Disease	52	33	18 - 45	32	16	14 - 42
Renal Failure	2	0	11 - 96	6	17	16 - 83
Severe Acute Heart Disease	32	41	24 - 58	25	52	22 - 60
Severe Chronic Heart Disease	30	33	12 - 46	43	26	15 - 42
Severe Trauma	1	0	0 - 99	3	0	3 - 80
Gastrointestinal Disease	48	0	1 - 12	48	0	1 - 11
Gynecologic Disease	10	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	104	7	1 - 14	96	0	1 - 6
Musculoskeletal/Skin Conditions	81	1	0 - 11	66	0	0 - 9
Neuropsychiatric/Sensory Disease	101	2	0 - 14	158	1	0 - 6
Urologic Disease	57	0	0 - 11	56	2	0 - 26

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	174
Occupancy Rate (%):	56
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	111
Percent of Physicians Who Are Board Certified Specialists:	77
Interns and Residents:	0
Registered Nurses:	116
Licensed Practical Nurses:	31

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEMORIAL HOSP OF DICKINSON CO

511 NE 10TH ST
ABILENE, KS 67410

Medicare Hospital Provider Number: 170114

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	389	18	15 - 23	384	17	14 - 22
Cancer	14	79	32 - 76	20	65	31 - 73
Cerebrovascular Accidents	33	30	16 - 48	23	30	16 - 53
Gastrointestinal Catastrophes	3	0	2 - 80	3	33	4 - 86
Infectious Disease	6	0	13 - 64	4	0	11 - 75
Metabolic/Electrolyte Disorders	4	0	8 - 73	6	33	9 - 76
Pulmonary Disease	44	27	18 - 46	40	25	16 - 45
Renal Failure	4	75	11 - 87	4	75	9 - 86
Severe Acute Heart Disease	27	48	26 - 63	22	32	24 - 62
Severe Chronic Heart Disease	24	8	13 - 39	24	29	14 - 51
Severe Trauma	2	0	1 - 91	1	100	2 - 97
Gastrointestinal Disease	33	0	0 - 29	31	6	0 - 54
Gynecologic Disease	3	0	0 -100	2	50	0 -100
Low-Risk Heart Disease	30	3	0 - 45	39	0	1 - 13
Musculoskeletal/Skin Conditions	31	0	0 - 21	30	7	1 - 31
Neuropsychiatric/Sensory Disease	7	0	0 - 78	8	0	0 -100
Urologic Disease	13	0	0 - 93	15	0	0 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	69
Occupancy Rate (%):	25
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	23
Percent of Physicians Who Are Board Certified Specialists:	96
Interns and Residents:	0
Registered Nurses:	19
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEMORIAL HOSPITAL

1105 SUNSET
MANHATTAN, KS 66502

Medicare Hospital Provider Number: 170037

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	226	15	7 - 17	178	8	7 - 16
Cancer	9	67	13 - 70	4	50	8 - 84
Cerebrovascular Accidents	9	67	7 - 65	6	33	4 - 73
Gastrointestinal Catastrophes	2	0	6 - 90	0	-	-
Infectious Disease	2	50	3 - 92	2	0	2 - 88
Metabolic/Electrolyte Disorders	5	20	1 - 79	5	0	2 - 67
Pulmonary Disease	11	36	8 - 62	11	18	5 - 55
Renal Failure	0	-	-	1	100	1 - 97
Severe Acute Heart Disease	5	60	14 - 84	9	33	16 - 72
Severe Chronic Heart Disease	8	0	9 - 50	7	14	8 - 64
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	20	0	0 - 74	18	0	0 - 73
Gynecologic Disease	12	0	0 -100	15	0	0 -100
Low-Risk Heart Disease	10	0	0 - 99	12	0	0 - 94
Musculoskeletal/Skin Conditions	12	8	0 - 98	10	0	0 - 95
Neuropsychiatric/Sensory Disease	17	0	0 - 70	6	0	0 -100
Urologic Disease	24	0	1 - 22	19	0	0 - 87

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	74
Occupancy Rate (%):	28
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	49
Percent of Physicians Who Are Board Certified Specialists:	82
Interns and Residents:	0
Registered Nurses:	51
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MERCY HOSP

800 W MYRTLE
INDEPENDENCE, KS 67301

Medicare Hospital Provider Number: 170010

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	564	13	11 - 17	668	14	11 - 17
Cancer	13	54	21 - 72	7	29	15 - 76
Cerebrovascular Accidents	31	26	16 - 47	33	39	16 - 50
Gastrointestinal Catastrophes	1	100	2 -100	5	0	12 - 69
Infectious Disease	13	46	11 - 63	9	67	16 - 73
Metabolic/Electrolyte Disorders	17	24	10 - 54	9	22	5 - 62
Pulmonary Disease	59	19	16 - 39	64	19	13 - 35
Renal Failure	7	71	15 - 82	6	83	23 - 90
Severe Acute Heart Disease	20	50	22 - 64	22	36	23 - 63
Severe Chronic Heart Disease	25	16	11 - 42	38	26	13 - 42
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	43	2	0 - 20	48	2	1 - 16
Gynecologic Disease	5	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	56	2	1 - 14	53	2	1 - 14
Musculoskeletal/Skin Conditions	75	5	0 - 30	80	0	1 - 7
Neuropsychiatric/Sensory Disease	9	0	0 - 99	14	0	0 - 99
Urologic Disease	9	0	0 -100	13	0	0 - 60

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	54
Occupancy Rate (%):	61
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	11
Percent of Physicians Who Are Board Certified Specialists:	45
Interns and Residents:	0
Registered Nurses:	40
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MERCY HOSP

821 BURKE ST
FORT SCOTT, KS 66701

Medicare Hospital Provider Number: 170058

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,117	10	9 - 14	1,208	11	10 - 15
Cancer	21	38	22 - 64	25	68	25 - 63
Cerebrovascular Accidents	37	24	16 - 44	44	36	18 - 47
Gastrointestinal Catastrophes	0	-	-	13	15	19 - 63
Infectious Disease	11	45	9 - 65	18	44	17 - 62
Metabolic/Electrolyte Disorders	24	13	10 - 44	14	36	10 - 60
Pulmonary Disease	52	17	14 - 38	55	16	15 - 37
Renal Failure	7	43	18 - 87	1	100	3 - 98
Severe Acute Heart Disease	31	48	27 - 62	45	58	30 - 60
Severe Chronic Heart Disease	79	25	15 - 35	75	23	18 - 38
Severe Trauma	0	-	-	1	0	2 - 97
Gastrointestinal Disease	134	2	2 - 9	105	3	1 - 10
Gynecologic Disease	19	0	0 -100	28	0	0 - 28
Low-Risk Heart Disease	95	6	1 - 14	86	1	2 - 9
Musculoskeletal/Skin Conditions	70	1	1 - 11	80	1	1 - 10
Neuropsychiatric/Sensory Disease	35	6	0 - 64	44	2	0 - 32
Urologic Disease	129	1	0 - 7	166	1	1 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	106
Occupancy Rate (%):	63
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	26
Percent of Physicians Who Are Board Certified Specialists:	88
Interns and Residents:	0
Registered Nurses:	61
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MERCY HOSP INC

218 E PACK
MOUNDRIDGE, KS 67107

Medicare Hospital Provider Number: 170075

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	141	15	9 - 22	145	10	8 - 18
Cancer	2	50	7 - 95	2	50	5 - 94
Cerebrovascular Accidents	6	50	7 - 75	8	25	12 - 69
Gastrointestinal Catastrophes	2	0	9 - 93	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	3	33	0 - 93
Pulmonary Disease	9	11	8 - 57	6	0	14 - 63
Renal Failure	1	0	2 -100	2	0	5 - 90
Severe Acute Heart Disease	8	63	19 - 78	4	75	9 - 82
Severe Chronic Heart Disease	7	57	5 - 71	7	29	6 - 69
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	17	6	0 - 79	14	0	0 - 71
Gynecologic Disease	0	-	-	3	0	0 -100
Low-Risk Heart Disease	13	8	0 - 85	17	0	0 - 53
Musculoskeletal/Skin Conditions	23	0	0 - 44	16	0	0 - 40
Neuropsychiatric/Sensory Disease	3	0	0 -100	7	0	0 - 93
Urologic Disease	2	0	0 -100	5	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	27
Occupancy Rate (%):	26
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MIAMI CO HOSP

501 S HOSPITAL DR BOX 365
PAOLA, KS 66071

Medicare Hospital Provider Number: 170109

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	170	22	14 - 27	153	23	13 - 27
Cancer	1	0	2 -100	1	100	1 - 97
Cerebrovascular Accidents	12	50	15 - 67	10	40	8 - 65
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	4	0	4 - 71	2	0	1 - 91
Metabolic/Electrolyte Disorders	4	25	4 - 80	6	67	1 - 80
Pulmonary Disease	40	35	19 - 49	23	35	15 - 54
Renal Failure	4	50	11 - 89	5	40	11 - 86
Severe Acute Heart Disease	1	100	1 - 97	9	78	26 - 79
Severe Chronic Heart Disease	9	44	11 - 69	15	20	10 - 52
Severe Trauma	0	-	-	1	100	3 - 98
Gastrointestinal Disease	12	0	0 - 60	11	9	0 - 85
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	12	8	0 - 79	11	9	0 - 69
Musculoskeletal/Skin Conditions	20	5	0 - 67	18	0	0 - 85
Neuropsychiatric/Sensory Disease	7	14	0 - 99	3	0	0 -100
Urologic Disease	2	50	0 -100	2	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	22
Occupancy Rate (%):	46
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MINNEOLA DISTRICT HOSP

212 MAIN ST
MINNEOLA, KS 67865

Medicare Hospital Provider Number: 170034

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	121	13	9 - 22	108	11	12 - 24
Cancer	3	33	2 - 86	1	0	0 - 97
Cerebrovascular Accidents	6	17	11 - 72	7	43	10 - 74
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	2	50	4 - 93	1	100	3 - 98
Metabolic/Electrolyte Disorders	1	100	0 - 98	2	0	1 - 90
Pulmonary Disease	12	33	9 - 61	13	15	11 - 54
Renal Failure	0	-	-	1	0	3 - 98
Severe Acute Heart Disease	3	67	5 - 86	7	0	28 - 72
Severe Chronic Heart Disease	10	20	11 - 62	13	15	10 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	6	0	0 - 99	4	25	0 -100
Gynecologic Disease	1	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	24	0	1 - 22	29	3	0 - 34
Musculoskeletal/Skin Conditions	16	0	1 - 35	7	0	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	3	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	15
Occupancy Rate (%):	53
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MITCHELL CO COMM HOSP

400 W 8TH ST
BELOIT, KS 67420

Medicare Hospital Provider Number: 170015

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	453	14	11 - 18	449	12	9 - 16
Cancer	9	44	16 - 74	4	75	9 - 83
Cerebrovascular Accidents	22	36	10 - 50	16	25	9 - 52
Gastrointestinal Catastrophes	4	25	5 - 80	1	0	0 - 99
Infectious Disease	11	18	15 - 63	7	14	10 - 67
Metabolic/Electrolyte Disorders	13	15	8 - 53	4	50	8 - 84
Pulmonary Disease	46	28	16 - 44	50	30	14 - 42
Renal Failure	1	100	3 - 98	1	0	2 - 98
Severe Acute Heart Disease	19	42	24 - 67	28	50	22 - 59
Severe Chronic Heart Disease	14	14	12 - 52	24	38	9 - 48
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	24	4	0 - 41	24	0	0 - 40
Gynecologic Disease	10	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	53	2	1 - 14	53	4	0 - 22
Musculoskeletal/Skin Conditions	44	0	1 - 13	45	0	0 - 14
Neuropsychiatric/Sensory Disease	14	7	0 - 71	24	4	0 - 84
Urologic Disease	13	0	0 -100	15	0	0 - 80

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	89
Occupancy Rate (%):	63
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	11
Percent of Physicians Who Are Board Certified Specialists:	64
Interns and Residents:	0
Registered Nurses:	27
Licensed Practical Nurses:	13

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MORRIS CO HOSP

600 N WASHINGTON ST
COUNCIL GROVE, KS 66846

Medicare Hospital Provider Number: 170070

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	164	16	10 - 22	160	16	11 - 23
Cancer	4	25	9 - 83	5	80	21 - 88
Cerebrovascular Accidents	7	14	5 - 63	9	33	11 - 68
Gastrointestinal Catastrophes	2	50	2 - 92	1	0	1 - 97
Infectious Disease	1	0	0 -100	1	0	1 - 97
Metabolic/Electrolyte Disorders	3	0	3 - 79	2	0	0 - 95
Pulmonary Disease	14	21	14 - 58	11	18	7 - 56
Renal Failure	0	-	-	2	0	3 - 89
Severe Acute Heart Disease	14	79	26 - 70	14	43	21 - 70
Severe Chronic Heart Disease	6	33	8 - 74	12	33	7 - 59
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	16	6	0 - 87	13	0	0 - 87
Gynecologic Disease	2	0	0 -100	0	-	-
Low-Risk Heart Disease	21	0	0 - 29	27	11	0 - 66
Musculoskeletal/Skin Conditions	13	0	0 - 71	18	0	0 - 36
Neuropsychiatric/Sensory Disease	9	0	0 - 99	7	0	0 -100
Urologic Disease	0	-	-	3	0	0 - 90

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	28
Occupancy Rate (%):	(not available)
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

MORTON COUNTY HOSPITAL

445 HILLTOP PO BOX 937
ELKHART, KS 67950

Medicare Hospital Provider Number: 170166

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	157	13	7 - 18	144	11	10 - 21
Cancer	1	0	3 - 98	0	-	-
Cerebrovascular Accidents	1	0	0 - 98	3	100	10 - 82
Gastrointestinal Catastrophes	0	-	-	2	50	4 - 93
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	0	0 - 92	7	43	14 - 78
Pulmonary Disease	22	32	14 - 53	25	8	15 - 42
Renal Failure	0	-	-	1	100	2 -100
Severe Acute Heart Disease	4	75	19 - 92	3	67	11 - 92
Severe Chronic Heart Disease	6	67	3 - 73	4	0	5 - 70
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	18	0	0 - 40	17	0	0 - 41
Gynecologic Disease	4	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	31	6	0 - 49	24	0	1 - 24
Musculoskeletal/Skin Conditions	10	0	0 - 99	5	20	0 -100
Neuropsychiatric/Sensory Disease	6	0	0 -100	13	0	0 - 99
Urologic Disease	3	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	83
Occupancy Rate (%):	72
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	14
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MT CARMEL MEDICAL CENTER

CENTENNIAL ROUSE STS
PITTSBURG, KS 66762

Medicare Hospital Provider Number: 170006

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,236	16	11 - 17	1,363	14	10 - 15
Cancer	44	66	31 - 61	45	60	30 - 61
Cerebrovascular Accidents	55	40	16 - 43	43	37	15 - 44
Gastrointestinal Catastrophes	10	50	10 - 68	15	40	14 - 63
Infectious Disease	13	54	19 - 70	20	35	16 - 59
Metabolic/Electrolyte Disorders	32	16	13 - 45	38	16	11 - 40
Pulmonary Disease	63	37	19 - 45	70	34	17 - 41
Renal Failure	2	100	3 - 89	2	100	5 - 90
Severe Acute Heart Disease	60	33	26 - 52	55	40	26 - 53
Severe Chronic Heart Disease	88	24	16 - 35	84	19	16 - 34
Severe Trauma	1	0	0 - 97	1	100	0 -100
Gastrointestinal Disease	83	2	1 - 11	86	3	0 - 16
Gynecologic Disease	15	0	0 -100	18	0	0 -100
Low-Risk Heart Disease	127	2	1 - 7	132	2	1 - 8
Musculoskeletal/Skin Conditions	93	3	1 - 12	104	2	1 - 9
Neuropsychiatric/Sensory Disease	53	0	1 - 11	137	0	1 - 5
Urologic Disease	73	0	1 - 8	62	0	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	163
Occupancy Rate (%):	57
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	31
Percent of Physicians Who Are Board Certified Specialists:	68
Interns and Residents:	0
Registered Nurses:	73
Licensed Practical Nurses:	16

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Mt. Carmel
Medical Center

Member CSJ Health System

October 25, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

In response to your September 15, 1988 report of Medicare hospital mortality rates, the following comments are submitted:

Analysis of all medicare patients who died within 30 days of the admission that resulted in the last occurring discharge of the patient in 1987, indicated that 89% were age 70 or older. A higher probability of death occurs with advanced age. HCFA has made no public correlation with death to age or other risks.

The carcinoma mortality rate for Mt. Carmel Medical Center was reported to be 66% for calendar year 1987, 5% above the predicted mortality rate. Review of these cases revealed 90% of these patients were 70 or more years of age. Most had severely debilitating comorbidities contributing to their compromised state. Furthermore, even though the cause of death was attributed to the primary diagnosis of carcinoma because that was the condition precipitating the hospital admission, some actually died of other causes.

The mortality rate for renal failure was reported at 100% - 11% above the predicted range. A significant finding in this category was the low volume of incidence (two patients). Individual review of these cases again demonstrated severely compromised individuals, their conditions secondary to far advanced multisystem disease processes. These patients were receiving palliative hospice type care, and requested no heroic efforts to prolong their lives be performed.

It is Mt. Carmel Medical Center's practice to facilitate physician review of all hospital mortalities on an ongoing monthly basis. To date, no trends have been identified in terms of physicians, treatment patterns, or other clinical characteristics. In all cases, physician reviewers determined the care rendered was "reasonable" and each patient was appropriately managed.

Additional factors unique to Mt. Carmel Medical Center's service area that may contribute to mortality rates for selected diagnostic categories include:

16•231•6100

CENTENNIAL
AND
ROUSE

PITTSBURG
KANSAS
66762

- Southeast Kansas has been shown through research studies to have an abnormally high incidence of malignant conditions primarily attributed to long term effects of environmentals (coal mines). Consequently, a significant number of patients present themselves for management of long term deteriorating respiratory conditions including COPD, black lung and emphysema.

- Mt. Carmel Medical Center has begun to focus additional resources toward the development of a regional cancer treatment center. Referrals are received from a rather large surrounding area. As the number of patients increases, so does the probability of more severely debilitated or terminal stage individuals.

- An inpatient hospice program receives patients who are in their final stages of disease desiring palliative care without resuscitative attempts, medical heroics or artificial life support.

Finally, it must again be recognized that no direct "severity of illness" factors are measured by these mortality rates. The information submitted to medicare does not include the clinical characteristics needed to make such judgements nor has there been a consistent, nationally recognized standard of measure for "severity". Therefore, the mortality information published cannot be used to make judgements about the quality of care provided by our facility or to compare us to other health care institutions.

Sincerely,

Dan L

Dan Lingor
President & Chief Executive Officer

DL:hp

NEMAHA VALLEY COMM HOSP

604 NEMAHA ST
SENECA, KS 66538

Medicare Hospital Provider Number: 170057

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	244	14	11 - 21	271	13	10 - 19
Cancer	2	50	3 - 92	3	67	8 - 88
Cerebrovascular Accidents	16	38	12 - 58	16	44	8 - 56
Gastrointestinal Catastrophes	0	-	-	1	0	0 -100
Infectious Disease	2	0	3 - 88	2	50	2 - 92
Metabolic/Electrolyte Disorders	6	17	6 - 69	3	33	6 - 87
Pulmonary Disease	40	35	19 - 49	40	32	19 - 50
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	8	63	18 - 77	4	0	14 - 77
Severe Chronic Heart Disease	15	27	6 - 52	20	20	13 - 50
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	25	0	0 - 28	23	0	0 - 34
Gynecologic Disease	2	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	30	0	0 - 20	57	5	1 - 18
Musculoskeletal/Skin Conditions	20	5	0 - 51	24	0	0 - 28
Neuropsychiatric/Sensory Disease	2	0	0 -100	6	0	0 -100
Urologic Disease	4	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	31
Occupancy Rate (%):	36
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NEOSHO MEM HOSP

629 S PLUMMER
CHANUTE, KS 66720

Medicare Hospital Provider Number: 170143

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	587	16	10 - 17	585	18	10 - 17
Cancer	11	55	20 - 74	19	58	20 - 64
Cerebrovascular Accidents	22	9	12 - 41	17	41	12 - 57
Gastrointestinal Catastrophes	4	25	3 - 80	3	33	1 - 88
Infectious Disease	16	38	15 - 62	10	60	19 - 75
Metabolic/Electrolyte Disorders	18	11	12 - 48	2	50	3 - 92
Pulmonary Disease	56	27	15 - 40	48	23	12 - 39
Renal Failure	3	33	9 - 92	7	29	15 - 82
Severe Acute Heart Disease	29	66	25 - 60	27	48	26 - 63
Severe Chronic Heart Disease	24	33	9 - 47	36	47	11 - 44
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	44	2	0 - 27	45	4	0 - 35
Gynecologic Disease	5	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	69	6	1 - 17	69	4	1 - 16
Musculoskeletal/Skin Conditions	55	2	0 - 20	52	0	0 - 14
Neuropsychiatric/Sensory Disease	7	14	0 -100	5	0	0 -100
Urologic Disease	21	0	0 - 61	21	14	0 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	62
Occupancy Rate (%):	45
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	17
Percent of Physicians Who Are Board Certified Specialists:	65
Interns and Residents:	0
Registered Nurses:	35
Licensed Practical Nurses:	21

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

nmh **NEOSHO MEMORIAL HOSPITAL**
629 S. PLUMMER • P.O. BOX 426 • CHANUTE, KANSAS 66720 • 316 / 431-4000

October 17, 1988

Department of Health and Human Services
William L. Roper, M.D.
Health Care Financing Administration
Baltimore, MD 21207

Dear Dr. Roper:

We appreciate the opportunity to comment on the 1987 mortality data for Medicare patients as presented by HCFA. We agree with your statements that this data alone is not an accurate measure of quality at a hospital and are happy to respond to this information which is confusing and easily misinterpreted by the general public.

According to the HCFA data, twenty-two patients who expired in non-acute care facilities were included in analyzing Neosho Memorial's mortality figures. In addition, two deaths which occurred after being transferred from Neosho Memorial to other medical facilities were also included.

These statistics may reflect a relationship between a small number of patient characteristics and the risk of death, but they do not reliably or accurately reflect hospital mortality rates. HCFA's model for calculating mortality rates fails to consider a wide range of factors which have a significant impact on mortality. Specifically, it does not addressed: the final diagnosis at time of death, if the patient was transferred from a nursing home, if the patient was terminally ill, if the patient experienced a history of chronic illness and/or repeated admissions to the hospital or the patient's general health status.

Neosho Memorial's quality assurance program and medical staff routinely review deaths which occur at this institution to determine if there are any questions regarding quality of medical care. Providing the highest quality of care is the goal of this hospital and its Medical Staff. We feel that the mortality statistics provided by HCFA by themselves do not accurately or completely reflect the quality of medical care at Neosho Memorial Hospital or in any other medical institution.

Sincerely,

Murray Brown
Administrator

NESS CO HOSP DIST 2

312 E CUSTER ST
NESS CITY, KS 67560

Medicare Hospital Provider Number: 170066

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	114	10	9 - 21	159	8	8 - 18
Cancer	6	67	19 - 84	2	100	7 - 91
Cerebrovascular Accidents	1	0	0 - 98	2	0	8 - 91
Gastrointestinal Catastrophes	0	-	-	2	50	6 - 95
Infectious Disease	1	0	1 - 97	2	0	1 - 91
Metabolic/Electrolyte Disorders	1	0	2 - 97	0	-	-
Pulmonary Disease	10	10	5 - 52	3	0	3 - 79
Renal Failure	1	100	3 - 99	3	100	18 - 95
Severe Acute Heart Disease	7	43	17 - 80	9	11	21 - 69
Severe Chronic Heart Disease	4	25	3 - 80	6	17	8 - 70
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	10	0	0 - 99	26	4	0 - 39
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	16	0	0 - 62	32	0	0 - 18
Musculoskeletal/Skin Conditions	13	0	0 - 86	16	6	0 - 94
Neuropsychiatric/Sensory Disease	3	0	0 -100	2	0	0 -100
Urologic Disease	4	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	52
Occupancy Rate (%):	56
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	14
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NEWMAN MEMORIAL CO HOSP

12TH CHESTNUT STS
EMPORIA, KS 66801

Medicare Hospital Provider Number: 170001

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	897	11	9 - 14	779	10	9 - 15
Cancer	20	50	21 - 64	13	38	20 - 70
Cerebrovascular Accidents	40	27	16 - 44	28	25	13 - 46
Gastrointestinal Catastrophes	4	0	11 - 75	6	33	7 - 74
Infectious Disease	4	25	3 - 80	9	22	7 - 63
Metabolic/Electrolyte Disorders	7	0	8 - 55	12	17	6 - 54
Pulmonary Disease	56	20	16 - 39	57	21	15 - 39
Renal Failure	4	75	11 - 87	2	100	9 - 94
Severe Acute Heart Disease	34	38	29 - 62	39	31	27 - 57
Severe Chronic Heart Disease	54	22	15 - 38	42	19	15 - 40
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	64	6	1 - 19	57	0	1 - 10
Gynecologic Disease	6	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	129	2	2 - 8	122	2	1 - 8
Musculoskeletal/Skin Conditions	90	2	0 - 12	75	4	0 - 29
Neuropsychiatric/Sensory Disease	25	4	0 - 82	23	0	0 - 54
Urologic Disease	51	4	0 - 84	40	2	0 - 36

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	133
Occupancy Rate (%):	45
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	35
Percent of Physicians Who Are Board Certified Specialists:	94
Interns and Residents:	0
Registered Nurses:	100
Licensed Practical Nurses:	30

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NEWMAN
MEMORIAL COUNTY
HOSPITAL

12th and Chestnut • Emporia, Kansas 66801 • 316-343-6800

October 18, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Attention: Sandra Kappert

Dear Ms. Kappert:

After review of the mortality data on Newman Memorial County Hospital, we are unable to find any discrepancies with our records with regard to patient admissions.

The fifteen (15) patients listed on the attached memorandum were not on our records as hospital deaths so should be patient deaths which occurred after discharge or transfer from our facility.

Sincerely,

Thomas H. McCall

Thomas H. McCall
Administrator

THM:sc

Enclosure

NEWTON HEALTHCARE CORPORATION

PO BOX 308
NEWTON, KS 67114

Medicare Hospital Provider Number: 170103

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	547	12	10 - 17	530	11	11 - 18
Cancer	15	40	15 - 63	7	29	14 - 75
Cerebrovascular Accidents	20	35	12 - 53	24	54	15 - 54
Gastrointestinal Catastrophes	3	33	5 - 86	2	0	5 - 89
Infectious Disease	8	13	14 - 67	13	15	13 - 57
Metabolic/Electrolyte Disorders	13	8	6 - 47	11	9	5 - 51
Pulmonary Disease	31	16	15 - 44	36	25	15 - 45
Renal Failure	3	67	7 - 90	1	100	3 - 98
Severe Acute Heart Disease	30	47	28 - 63	37	38	26 - 58
Severe Chronic Heart Disease	21	29	12 - 50	28	7	15 - 38
Severe Trauma	2	0	1 - 91	1	0	0 - 99
Gastrointestinal Disease	41	0	1 - 13	35	0	0 - 20
Gynecologic Disease	8	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	62	2	1 - 12	58	2	1 - 13
Musculoskeletal/Skin Conditions	48	0	1 - 11	37	3	0 - 30
Neuropsychiatric/Sensory Disease	13	15	0 - 74	13	8	0 -100
Urologic Disease	39	3	0 - 40	35	3	0 - 33

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#): 78
Ownership/Control: Church

STAFFING

Interns and Residents: 0
Registered Nurses: 40
Licensed Practical Nurses: 14

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

NEWTON WM MEM HOSP

1300 E 5TH AVE
WINFIELD, KS 67156

Medicare Hospital Provider Number: 170019

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	599	15	9 - 15	671	15	10 - 17
Cancer	11	64	24 - 77	15	47	26 - 74
Cerebrovascular Accidents	30	30	15 - 48	25	40	10 - 48
Gastrointestinal Catastrophes	8	25	7 - 66	11	36	9 - 64
Infectious Disease	2	0	1 - 89	7	29	15 - 77
Metabolic/Electrolyte Disorders	17	35	9 - 56	29	14	13 - 44
Pulmonary Disease	45	31	17 - 46	55	33	12 - 39
Renal Failure	3	33	7 - 89	8	38	17 - 84
Severe Acute Heart Disease	19	63	23 - 65	26	42	26 - 64
Severe Chronic Heart Disease	19	32	7 - 49	25	28	11 - 47
Severe Trauma	1	0	0 - 97	4	25	1 - 85
Gastrointestinal Disease	55	5	0 - 22	56	7	0 - 27
Gynecologic Disease	18	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	61	8	0 - 24	91	5	1 - 15
Musculoskeletal/Skin Conditions	56	2	0 - 26	51	4	0 - 46
Neuropsychiatric/Sensory Disease	13	8	0 - 98	16	0	0 - 96
Urologic Disease	30	3	0 - 56	25	0	0 - 63

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	99
Occupancy Rate (%):	37
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	28
Percent of Physicians Who Are Board Certified Specialists:	54
Interns and Residents:	0
Registered Nurses:	60
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NORTHWEST KANSAS MED CENTER

1ST AND SHERMAN STS
GOODLAND, KS 67735

Medicare Hospital Provider Number: 170097

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	182	14	8 - 19	189	12	8 - 18
Cancer	4	75	13 - 86	0	-	-
Cerebrovascular Accidents	6	0	11 - 61	6	33	5 - 73
Gastrointestinal Catastrophes	1	0	0 - 99	2	50	2 - 92
Infectious Disease	1	0	0 - 98	1	0	3 - 98
Metabolic/Electrolyte Disorders	2	50	0 - 98	3	0	2 - 81
Pulmonary Disease	16	13	8 - 46	17	29	11 - 54
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	14	57	19 - 68	12	33	16 - 66
Severe Chronic Heart Disease	8	50	2 - 69	8	13	7 - 60
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	29	0	0 - 20	25	0	0 - 29
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	19	5	0 - 47	13	0	0 - 49
Musculoskeletal/Skin Conditions	19	0	0 - 60	19	0	0 - 66
Neuropsychiatric/Sensory Disease	9	0	0 - 66	4	0	0 -100
Urologic Disease	4	0	0 -100	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	45
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NORTON CO HOSP

102 E HOLME
NORTON, KS 67654

Medicare Hospital Provider Number: 170084

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	212	14	9 - 19	205	14	8 - 18
Cancer	4	25	8 - 81	4	100	16 - 79
Cerebrovascular Accidents	11	27	9 - 61	12	33	11 - 62
Gastrointestinal Catastrophes	0	-	-	1	100	0 - 97
Infectious Disease	0	-	-	1	0	2 - 97
Metabolic/Electrolyte Disorders	2	0	6 - 90	0	-	-
Pulmonary Disease	20	30	13 - 53	21	10	9 - 39
Renal Failure	1	100	2 - 97	1	0	1 - 97
Severe Acute Heart Disease	17	29	16 - 58	6	33	11 - 76
Severe Chronic Heart Disease	5	40	2 - 79	12	25	9 - 58
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	25	0	0 - 39	30	3	0 - 48
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	22	5	0 - 42	17	0	0 - 41
Musculoskeletal/Skin Conditions	24	0	0 - 26	20	5	0 - 67
Neuropsychiatric/Sensory Disease	8	13	0 -100	3	0	0 -100
Urologic Disease	2	0	0 - 99	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	43
Occupancy Rate (%):	30
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	25
Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NORTON MAUDE MEM CITY HOSP

220 N PENNSYLVANIA
COLUMBUS, KS 66725

Medicare Hospital Provider Number: 170043

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	192	14	12 - 23	155	22	10 - 24
Cancer	4	100	26 - 89	6	67	11 - 77
Cerebrovascular Accidents	10	20	6 - 58	8	38	6 - 68
Gastrointestinal Catastrophes	1	0	1 - 97	0	-	-
Infectious Disease	4	25	10 - 84	2	50	2 - 92
Metabolic/Electrolyte Disorders	7	29	7 - 70	8	13	5 - 60
Pulmonary Disease	28	14	17 - 46	26	35	11 - 48
Renal Failure	0	-	-	2	100	8 - 92
Severe Acute Heart Disease	11	36	17 - 70	7	71	14 - 75
Severe Chronic Heart Disease	11	9	12 - 54	6	33	3 - 73
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	0	0 - 63	10	0	0 -100
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	24	0	0 - 35	14	0	0 - 77
Musculoskeletal/Skin Conditions	10	20	0 - 91	9	0	0 -100
Neuropsychiatric/Sensory Disease	4	0	0 - 95	4	25	0 -100
Urologic Disease	2	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	39
Occupancy Rate (%):	33
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	29
Percent of Physicians Who Are Board Certified Specialists:	86
Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Medicare Provider #: 170043

THE MAUDE NORTON MEMORIAL CITY HOSPITAL

220 NORTH PENNSYLVANIA

COLUMBUS, KANSAS
66725

Ph. 316-429-2545

October 18, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

This is in response to the 1987 mortality data generated by HCFA. Our hospital's overall actual mortality rate is within the range for predicted mortality. However, in one diagnostic category, that of cancer, the hospital's actual mortality rate falls outside the upper range of predicted mortality. At the time of admission in these cases, death was the expected outcome.

As stated in last year's comments, quality of care is of the utmost concern to the hospital's governing board, management and medical staff. All deaths that occur in the hospital are monitored and evaluated by the medical staff. Through our quality assurance program, potential quality problems are investigated to determine if a problem exists and necessary action is taken when necessary.

We feel the HCFA mortality rates do not measure quality. Mortality may be affected by many variables, all of which have an effect on the mortality rate without necessarily affecting the quality of care provided by the facility. Mortality data is appropriately used to focus peer review, in which quality can be truly evaluated. Simple statistical comparisons can not evaluate quality of care provided.

Carol Hays

Carol Hays, A.R.T.
Quality Assurance Coordinator

OLATHE COMM HOSP

300 S ROGERS RD
OLATHE, KS 66061

Medicare Hospital Provider Number: 170049

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,314	11	10 - 14	1,167	11	9 - 14
Cancer	32	34	26 - 60	26	46	30 - 69
Cerebrovascular Accidents	44	18	17 - 41	32	25	15 - 46
Gastrointestinal Catastrophes	15	47	16 - 65	7	14	14 - 71
Infectious Disease	6	33	9 - 75	13	23	16 - 63
Metabolic/Electrolyte Disorders	31	23	8 - 43	29	21	9 - 44
Pulmonary Disease	75	25	17 - 39	71	10	17 - 36
Renal Failure	5	20	13 - 83	1	0	3 - 98
Severe Acute Heart Disease	37	35	27 - 58	34	47	25 - 59
Severe Chronic Heart Disease	53	36	12 - 39	53	15	14 - 35
Severe Trauma	4	25	1 - 87	2	0	4 - 89
Gastrointestinal Disease	112	2	1 - 9	106	6	0 - 15
Gynecologic Disease	15	0	0 -100	17	6	0 -100
Low-Risk Heart Disease	134	6	1 - 11	117	5	1 - 12
Musculoskeletal/Skin Conditions	131	1	1 - 7	127	4	1 - 11
Neuropsychiatric/Sensory Disease	25	8	0 - 55	22	9	0 - 98
Urologic Disease	75	4	0 - 33	93	5	0 - 16

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	104
Occupancy Rate (%):	82
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	78
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	0
Registered Nurses:	113
Licensed Practical Nurses:	16

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

OSBORNE CO MEM HOSP

424 W NEW HAMPSHIRE ST
OSBORNE, KS 67473

Medicare Hospital Provider Number: 170041

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	131	24	10 - 25	142	13	11 - 23
Cancer	1	100	3 - 99	1	0	1 - 97
Cerebrovascular Accidents	5	60	8 - 79	6	33	7 - 74
Gastrointestinal Catastrophes	0	-	-	2	0	7 - 90
Infectious Disease	1	0	0 - 99	0	-	-
Metabolic/Electrolyte Disorders	3	0	1 - 82	5	20	1 - 78
Pulmonary Disease	10	40	9 - 65	10	30	11 - 65
Renal Failure	2	50	1 - 93	1	0	3 - 99
Severe Acute Heart Disease	8	88	18 - 70	8	25	23 - 80
Severe Chronic Heart Disease	18	39	9 - 53	16	25	10 - 53
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	8	0	0 - 98	14	0	0 - 59
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	13	8	0 - 71	23	4	0 - 52
Musculoskeletal/Skin Conditions	3	0	0 -100	7	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	0	-	-
Urologic Disease	5	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	29
Occupancy Rate (%):	10
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Osborne County Memorial Hospital
Osborne, Kansas

Provider Number: 17-0041

The hospital's comments consisted primarily of annotations to the patient specific information and/or the hospital characteristics generated by the Health Care Financing Administration and provided to the hospital. We did not publish this annotated information.

OSWEGO MEMORIAL HOSPITAL

900 BARKER DRIVE
OSWEGO, KS 67356

Medicare Hospital Provider Number: 170159

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	148	14	8 - 20	142	12	10 - 21
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	6	50	3 - 74	5	40	1 - 80
Gastrointestinal Catastrophes	0	-	-	2	0	0 - 94
Infectious Disease	4	25	10 - 83	7	43	15 - 79
Metabolic/Electrolyte Disorders	7	29	6 - 70	14	7	7 - 45
Pulmonary Disease	20	40	9 - 52	16	31	9 - 55
Renal Failure	0	-	-	1	0	3 - 98
Severe Acute Heart Disease	4	50	10 - 85	1	0	3 - 99
Severe Chronic Heart Disease	9	0	9 - 46	5	20	3 - 74
Severe Trauma	0	-	-	1	0	0 - 97
Gastrointestinal Disease	16	0	0 - 67	12	8	0 - 94
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	14	0	0 - 88	18	0	0 - 38
Musculoskeletal/Skin Conditions	15	0	0 - 55	11	0	0 - 98
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	11	0	0 -100	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	18
Occupancy Rate (%):	28
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

OTTAWA CO HOSP

215 E 8TH-PO BOX 209
MINNEAPOLIS, KS 67467

Medicare Hospital Provider Number: 170126

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	159	17	11 - 23	161	17	10 - 22
Cancer	3	100	16 - 89	4	25	15 - 89
Cerebrovascular Accidents	15	27	10 - 55	6	67	8 - 74
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	1 - 97	2	0	2 - 89
Metabolic/Electrolyte Disorders	1	100	0 -100	4	25	1 - 86
Pulmonary Disease	16	31	12 - 57	13	46	11 - 62
Renal Failure	2	100	8 - 92	3	33	6 - 89
Severe Acute Heart Disease	9	44	16 - 74	8	38	15 - 74
Severe Chronic Heart Disease	9	22	5 - 61	8	38	4 - 67
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	8	0	0 - 95	13	0	0 - 90
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	17	6	0 - 71	27	4	1 - 25
Musculoskeletal/Skin Conditions	15	0	0 - 92	19	0	0 - 34
Neuropsychiatric/Sensory Disease	8	0	0 -100	5	20	0 -100
Urologic Disease	3	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	39
Occupancy Rate (%):	87
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	17
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PHILLIPS CO HOSP

1150 STATE ST
PHILLIPSBURG, KS 67661

Medicare Hospital Provider Number: 170061

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	285	11	8 - 16	294	15	8 - 17
Cancer	1	0	2 -100	1	100	0 - 97
Cerebrovascular Accidents	4	25	6 - 80	1	0	0 - 97
Gastrointestinal Catastrophes	1	0	0 - 99	1	0	1 - 97
Infectious Disease	5	0	13 - 69	7	43	10 - 74
Metabolic/Electrolyte Disorders	10	30	7 - 63	16	25	11 - 55
Pulmonary Disease	26	31	14 - 50	23	30	12 - 50
Renal Failure	0	-	-	1	100	3 - 99
Severe Acute Heart Disease	5	20	9 - 76	11	45	15 - 69
Severe Chronic Heart Disease	16	19	11 - 51	20	45	11 - 54
Severe Trauma	1	100	0 - 98	0	-	-
Gastrointestinal Disease	24	4	0 - 46	23	4	0 - 52
Gynecologic Disease	5	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	56	2	1 - 13	63	3	0 - 17
Musculoskeletal/Skin Conditions	21	0	0 - 65	28	4	0 - 47
Neuropsychiatric/Sensory Disease	10	10	0 -100	8	0	0 -100
Urologic Disease	4	0	0 -100	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	62
Occupancy Rate (%):	74
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	25
Interns and Residents:	0
Registered Nurses:	15
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PLAINVILLE RURAL HOSP

304 S COLORADO ST
PLAINVILLE, KS 67663

Medicare Hospital Provider Number: 170092

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	139	21	12 - 26	113	13	11 - 24
Cancer	1	100	2 -100	0	-	-
Cerebrovascular Accidents	8	13	10 - 62	6	17	6 - 69
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	3	33	2 - 86	3	0	3 - 79
Metabolic/Electrolyte Disorders	6	17	5 - 69	7	0	1 - 60
Pulmonary Disease	15	47	17 - 64	15	33	15 - 61
Renal Failure	2	100	7 - 91	2	0	4 - 89
Severe Acute Heart Disease	11	45	15 - 69	9	11	14 - 62
Severe Chronic Heart Disease	7	71	7 - 69	7	43	7 - 71
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	4	0	0 - 97	9	0	0 -100
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	18	6	0 - 60	13	0	0 - 49
Musculoskeletal/Skin Conditions	8	0	0 - 98	7	14	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	1	0	0 -100
Urologic Disease	6	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	27
Occupancy Rate (%):	26
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	12
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PRATT REGIONAL MEDICAL CTR

200 COMMODORE
PRATT, KS 67124

Medicare Hospital Provider Number: 170027

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	480	11	8 - 15	540	12	9 - 16
Cancer	11	55	21 - 75	11	64	33 - 86
Cerebrovascular Accidents	13	31	11 - 59	7	29	7 - 69
Gastrointestinal Catastrophes	1	0	1 - 97	7	29	12 - 74
Infectious Disease	2	0	1 - 89	4	25	5 - 80
Metabolic/Electrolyte Disorders	4	0	3 - 72	19	21	4 - 48
Pulmonary Disease	38	32	16 - 47	38	5	15 - 35
Renal Failure	2	50	5 - 94	3	100	15 - 91
Severe Acute Heart Disease	14	64	18 - 66	14	64	19 - 66
Severe Chronic Heart Disease	16	38	7 - 54	23	26	13 - 49
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	73	0	1 - 8	64	5	1 - 16
Gynecologic Disease	4	0	0 -100	0	-	-
Low-Risk Heart Disease	40	2	0 - 23	60	2	1 - 12
Musculoskeletal/Skin Conditions	38	0	0 - 16	49	2	1 - 15
Neuropsychiatric/Sensory Disease	11	9	0 -100	19	5	0 - 64
Urologic Disease	38	0	0 - 36	25	4	0 - 96

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	84
Occupancy Rate (%):	37
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	90
Interns and Residents:	0
Registered Nurses:	48
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PROVIDENCE ST MARGARET HC

8929 PARALLEL PARKWAY
KANSAS CITY, KS 66112

Medicare Hospital Provider Number: 170146

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,074	11	9 - 14	2,029	12	10 - 14
Cancer	51	41	24 - 54	52	42	27 - 57
Cerebrovascular Accidents	62	24	18 - 40	94	31	19 - 40
Gastrointestinal Catastrophes	14	43	17 - 68	14	36	12 - 62
Infectious Disease	26	31	18 - 56	30	30	24 - 60
Metabolic/Electrolyte Disorders	38	18	14 - 45	47	30	13 - 44
Pulmonary Disease	119	24	20 - 38	117	20	18 - 36
Renal Failure	7	57	9 - 78	4	25	9 - 86
Severe Acute Heart Disease	71	39	25 - 49	69	36	25 - 49
Severe Chronic Heart Disease	102	18	14 - 30	97	26	15 - 34
Severe Trauma	5	40	10 - 81	4	100	6 - 72
Gastrointestinal Disease	170	4	1 - 9	149	2	1 - 8
Gynecologic Disease	19	0	0 -100	19	0	0 -100
Low-Risk Heart Disease	274	4	1 - 7	268	4	1 - 7
Musculoskeletal/Skin Conditions	213	4	1 - 8	216	1	1 - 6
Neuropsychiatric/Sensory Disease	96	2	1 - 11	98	2	0 - 11
Urologic Disease	59	0	0 - 12	60	5	0 - 24

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	294
Occupancy Rate (%):	57
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	187
Percent of Physicians Who Are Board Certified Specialists:	64
Interns and Residents:	0
Registered Nurses:	194
Licensed Practical Nurses:	30

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

stm Providence-St. Margaret Health Center
8929 Parallel Parkway • Kansas City, Kansas 66112 • (913) 596-4000

October 21, 1988

William L. Roper, M.D., Administrator
Health Care Financing Administration
P.O. Box 26684
Baltimore, Maryland 21207

RE: Mortality Data Comments
Providence-St. Margaret Health Center
Medicare Provider #170146

Dear Dr. Roper:

In response to your letter of September 15, 1988, we have reviewed the Medicare mortality data provided for Providence-St. Margaret Health Center by the Health Care Financing Administration (HCFA). Per your 1987 data, Providence-St. Margaret Health Center's actual mortality rates fall within the range of predicated mortality rates for all diagnostic categories. Since HCFA did not provide case specific data to support the restated 1986 data, we are unable to verify the data underlying the restated 1986 summary.

While the 1987 data HCFA provided generally appeared to be accurate, we did note 9 instances in which the dates of death per our records differed from the data reported to us by HCFA. However, of the 9 differences 6 remained within the 30 day of admission criteria.

We have a genuine concern as to the reliability of any statistical technique which purports to predict expected mortality ranges for diagnostic categories which contains as few as four cases.

While we accept the overall report for Providence-St. Margaret Health Center, we believe there are several shortcomings to the model and methodology which should be addressed. Because of the complicated and complex statistical techniques and qualifiers, it is difficult to intelligently interpret the meaning of the predicted ranges. By HCFA's own statement, the data released are not valid for making comparisons between hospitals or as measurements of actual quality. Our continuing worst fear and anticipation is that this data will be used by the media and interpreted by the public for these comparative purposes.

For that reason, we urge that in publication of the data in December, that HCFA stress that the information is not valid as a basic comparison of the quality of care between hospitals included in the study. We also urge HCFA to reexamine the validity of projecting expected mortality ranges on the basis of a very small number of total cases and publishing an actual rate on the same small number.

In addition, comparison of 1987 rates with recalculated and restated 1986 rates does not appear valid for at least three reasons. First, we have not been provided any information with which to validate the restated 1986 rates. Second, the restated 1986 rates include at least some Diagnostic Categories with a very small number of cases, apparently too small to be a statistically valid sample. Third, since the methodology projects rates and draws comparisons between actual and projected rates by applying its factors to the actual characteristics of the patient population each year, comparison of actual and projected rates between years can compound the problem that the system is not valid for quality comparisons.

Providence-St. Margaret Health Center has a longstanding commitment to quality care and will remain committed to the high standards exposed by our own tradition and history, by the Joint Commission on Accreditation of Health Care Organizations and by HCFA. We plan to seek ways to incorporate data provided in quality reviews at our facility, and we look forward to further refinements and communications about the methodology and valid uses of the data.

Thank you.

Sincerely,

James J. O'Connell
Executive Director

JJOC:ddn

RANSOM MEM HOSP

13TH S MAIN
OTTAWA, KS 66067

Medicare Hospital Provider Number: 170014

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	461	16	10 - 18	408	14	9 - 16
Cancer	7	57	16 - 80	4	25	12 - 85
Cerebrovascular Accidents	29	45	15 - 51	18	44	10 - 55
Gastrointestinal Catastrophes	1	100	0 - 97	2	0	1 - 90
Infectious Disease	5	0	18 - 73	3	100	17 - 90
Metabolic/Electrolyte Disorders	3	33	0 - 96	7	14	4 - 64
Pulmonary Disease	46	24	16 - 43	40	30	15 - 45
Renal Failure	5	80	12 - 83	2	100	10 - 95
Severe Acute Heart Disease	19	47	23 - 66	15	47	18 - 65
Severe Chronic Heart Disease	27	37	10 - 46	25	12	11 - 40
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	45	0	1 - 12	40	13	0 - 58
Gynecologic Disease	3	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	53	8	1 - 23	46	2	1 - 16
Musculoskeletal/Skin Conditions	37	0	0 - 20	26	0	0 - 36
Neuropsychiatric/Sensory Disease	10	20	0 -100	13	0	0 - 55
Urologic Disease	23	0	0 - 79	19	0	0 - 77

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	45
Occupancy Rate (%):	49
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	13
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	24
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

RAWLINS CO HOSP

707 GRANT ST
ATWOOD, KS 67730

Medicare Hospital Provider Number: 170069

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	163	17	7 - 20	173	18	9 - 21
Cancer	2	100	3 - 88	0	-	-
Cerebrovascular Accidents	1	0	1 - 97	5	60	7 - 78
Gastrointestinal Catastrophes	1	100	1 - 97	2	100	10 - 94
Infectious Disease	4	50	9 - 85	4	50	13 - 88
Metabolic/Electrolyte Disorders	1	0	0 -100	2	50	1 - 92
Pulmonary Disease	11	27	11 - 63	15	33	9 - 56
Renal Failure	0	-	-	2	100	10 - 95
Severe Acute Heart Disease	6	67	12 - 78	9	44	20 - 77
Severe Chronic Heart Disease	7	29	10 - 71	3	67	3 - 86
Severe Trauma	0	-	-	1	100	3 - 98
Gastrointestinal Disease	20	10	1 - 46	20	0	1 - 27
Gynecologic Disease	6	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	23	9	0 - 88	15	0	0 - 51
Musculoskeletal/Skin Conditions	17	0	0 - 53	24	0	0 - 32
Neuropsychiatric/Sensory Disease	4	0	0 -100	0	-	-
Urologic Disease	9	0	0 - 97	8	0	0 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	27
Occupancy Rate (%):	33
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

REPUBLIC CO HOSP
PRAIRIE VIEW ADDITION
BELLEVILLE, KS 66935

Medicare Hospital Provider Number: 170024

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	394	12	8 - 16	343	13	9 - 17
Cancer	2	50	5 - 93	7	57	14 - 78
Cerebrovascular Accidents	23	39	15 - 54	17	41	8 - 54
Gastrointestinal Catastrophes	4	25	12 - 86	3	33	2 - 86
Infectious Disease	1	0	3 - 99	2	0	4 - 89
Metabolic/Electrolyte Disorders	1	0	0 -100	4	0	0 - 84
Pulmonary Disease	41	32	12 - 42	33	36	15 - 49
Renal Failure	4	75	13 - 89	1	0	2 - 98
Severe Acute Heart Disease	14	29	21 - 67	15	20	20 - 61
Severe Chronic Heart Disease	17	12	10 - 45	24	29	10 - 46
Severe Trauma	0	-	-	2	0	4 - 89
Gastrointestinal Disease	48	2	0 - 19	30	3	0 - 41
Gynecologic Disease	3	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	40	2	0 - 21	28	0	1 - 19
Musculoskeletal/Skin Conditions	38	3	0 - 38	34	3	0 - 43
Neuropsychiatric/Sensory Disease	8	0	0 -100	8	0	0 - 99
Urologic Disease	37	0	0 - 56	34	0	0 - 31

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	86
Occupancy Rate (%):	62
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	70
Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

RIVERSIDE HOSP

2622 W CENTRAL ST
WICHITA, KS 67203

Medicare Hospital Provider Number: 170147

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	488	18	10 - 17	495	15	10 - 17
Cancer	11	55	15 - 69	15	33	26 - 72
Cerebrovascular Accidents	17	35	10 - 54	16	25	9 - 52
Gastrointestinal Catastrophes	2	100	3 - 88	3	0	4 - 79
Infectious Disease	3	67	5 - 87	13	38	12 - 63
Metabolic/Electrolyte Disorders	23	30	7 - 49	27	30	8 - 47
Pulmonary Disease	31	42	10 - 46	29	21	11 - 43
Renal Failure	5	60	18 - 92	4	75	9 - 85
Severe Acute Heart Disease	29	59	23 - 59	14	86	26 - 66
Severe Chronic Heart Disease	28	18	10 - 41	30	30	11 - 45
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	31	6	0 - 48	35	3	0 - 35
Gynecologic Disease	5	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	45	4	0 - 26	52	0	1 - 11
Musculoskeletal/Skin Conditions	40	7	0 - 43	52	2	0 - 22
Neuropsychiatric/Sensory Disease	18	0	0 - 95	18	0	0 - 68
Urologic Disease	17	0	0 - 74	11	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	90
Occupancy Rate (%):	34
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	42
Percent of Physicians Who Are Board Certified Specialists:	60
Interns and Residents:	9
Registered Nurses:	53
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

RUSH CO MEM HOSP

8TH LOCUST STS
LA CROSSE, KS 67548

Medicare Hospital Provider Number: 170119

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	138	13	10 - 22	154	14	10 - 22
Cancer	0	-	-	1	0	1 - 97
Cerebrovascular Accidents	7	43	9 - 73	8	25	8 - 66
Gastrointestinal Catastrophes	0	-	-	1	0	3 - 98
Infectious Disease	4	0	7 - 72	2	50	3 - 92
Metabolic/Electrolyte Disorders	0	-	-	5	40	4 - 78
Pulmonary Disease	20	15	19 - 53	25	32	15 - 52
Renal Failure	1	0	3 - 99	1	100	3 - 99
Severe Acute Heart Disease	3	100	11 - 84	2	50	5 - 94
Severe Chronic Heart Disease	8	38	7 - 68	10	20	12 - 62
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	7	14	0 - 98	6	0	0 -100
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	26	0	1 - 20	27	4	0 - 39
Musculoskeletal/Skin Conditions	12	8	0 - 94	18	0	0 - 35
Neuropsychiatric/Sensory Disease	5	0	0 -100	4	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	50
Occupancy Rate (%):	(not available)
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

RUSSELL CITY HOSP

200 S MAIN ST
RUSSELL, KS 67665

Medicare Hospital Provider Number: 170030

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	277	14	10 - 19	247	17	9 - 20
Cancer	9	67	23 - 80	5	60	18 - 89
Cerebrovascular Accidents	12	33	12 - 62	9	56	8 - 67
Gastrointestinal Catastrophes	0	-	-	2	50	1 - 93
Infectious Disease	1	100	0 - 99	2	50	5 - 94
Metabolic/Electrolyte Disorders	6	17	1 - 72	5	20	2 - 75
Pulmonary Disease	19	5	14 - 42	11	27	12 - 63
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	14	64	26 - 73	19	47	25 - 68
Severe Chronic Heart Disease	27	22	13 - 45	18	44	10 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	28	0	0 - 29	28	4	0 - 72
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	54	4	1 - 18	41	2	1 - 18
Musculoskeletal/Skin Conditions	22	9	0 - 62	20	15	0 - 64
Neuropsychiatric/Sensory Disease	5	0	0 -100	7	14	0 -100
Urologic Disease	17	6	0 - 99	16	6	0 - 81

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	37
Occupancy Rate (%):	38
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	0
Registered Nurses:	20
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

RUSSELL REGIONAL HOSPITAL

"We're taking care of our own"

October 19, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: Russell Regional Hospital, Russell, Kansas 67665
Medicare Provider No. 17-0030
Response to 1987 HCFA Mortality Data

Dear Mrs. Kappert:

Thank you for sharing the 1987 HCFA Mortality Data with us and for the opportunity to respond to this data prior to its public release. Prior to commenting specifically on Russell Regional Hospital's data, I would like to make some general comments. Although Dr. William Roper stated in his explanatory letter to hospital administrators that it will be made clear upon public release that the information on its own is not a complete measure of the quality of care at an individual hospital, I am sure you are aware of the repercussions that occurred nationwide upon the release of the 1985 Mortality Data and, again, when the 1986 Mortality Data was released. Russell Regional Hospital was one of very few hospitals within the State of Kansas whose 1986 actual mortality rate fell above the range of predicted mortality rates, by only one percentage point. This caused adverse publicity at the time of the data release, and although short-lived, we felt we had to "defend" our position and the quality of care provided in our facility. The calls from the news media were insulting. Now, with your "revised methodology" used to interpret the 1987 data and to "re-interpret" the 1986 data, we find that our 1986 data now falls within the range for predicted mortality in all categories. Did our quality of care change for these patients treated in 1986? Obviously, the answer is "No". With situations such as this as an example of inconsistent data and your admittance that you are still conducting studies to test the validity of the Mortality Data as an indicator of quality, and to evaluate the consequences of using a predictive model, which lacks specific clinical data on the severity of illness of individual patients, I feel it is quite inappropriate to continue to release these mortality rates. Providing such incomplete and inconsistent data often leads health care consumers to sometimes erroneous assumptions, which they may or may not try to clarify by asking further questions of their physician or health care facility.

Although not in agreement with the release of such data to the public without being able to validate it as an indicator of quality, it, none-the-less, is a valuable tool to hospitals. Upon reviewing the 1987 Mortality Data, we find that Russell Regional Hospital does fall within the HCFA's range of predicted mortalities in all except one category, Infectious Diseases. There was only one patient in this category, and since it was an expiration, the mortality rate was 100%. This patient had multiple diagnoses, any one of which could have been listed as the principal

(Page one - continued)

200 South Main (913) 483-3131 Russell, Kansas 67665

diagnosis. If so, she would have been in a different diagnostic category, either Pulmonary or Metabolic/Electrolyte Disturbance. Adding this patient to either of these categories would still have kept us below, or within, the range of predicted mortality for the two categories.

The above, also, raises the concern of small hospitals with a much smaller patient load than larger facilities. With only one patient in a diagnostic category, if the patient expires, the mortality rate is 100%. It is difficult to stay within expected mortality rates when dealing with a small sample size, as reflected by this example.

Review of the mortality cases to verify the validity of the base data was not a difficult task, since mortality case review is already an established Quality Assurance activity of our Medical Staff, as it is in most JCAHO facilities. Upon review of these cases, it was determined that due to the patients' diagnostic condition, co-morbid conditions, and/or family wishes that no heroic measures be taken, death was the expected outcome in the majority of the cases. In 100% of the cases, we feel the care provided to the patients who expired was appropriate and did not lead to, nor was it responsible for, the outcome.

In summary, I would like to comment that I feel the Russell Regional Hospital and all hospitals in Kansas have a very strong commitment to provide quality health care. This is proven by the Quality Assurance programs in which our Medical Staff and the remainder of our health care team actively participate, in an effort to continually provide the best care to all patients, without regard to sex, race, or financial classification. The publication of HCFA's Mortality Data over the past three years has drawn attention to the role of, and need for, statistical methods to assess quality. At the present time, however, statistical methods are, at best, an adjunct to medical review that are useful, principally, as a means of focusing review, and improving care, if a problem area is found. No statistical method has, at the present time, been validated as an indicator of quality.

I appreciate the opportunity given to health care providers to respond to this statistical data.

Sincerely,

Thomas J. Earley

Thomas J. Earley,
President/Chief Executive Officer

TJE/djs

cc: Kansas Hospital Association

SABETHA COMM HOSP

14TH OREGON
SABETHA, KS 66534

Medicare Hospital Provider Number: 170164

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	193	11	11 - 21	170	12	9 - 20
Cancer	5	0	15 - 71	6	17	19 - 79
Cerebrovascular Accidents	4	50	7 - 83	7	57	8 - 72
Gastrointestinal Catastrophes	0	-	-	2	100	2 - 89
Infectious Disease	7	0	18 - 63	3	33	4 - 86
Metabolic/Electrolyte Disorders	2	0	4 - 89	2	0	0 - 99
Pulmonary Disease	27	19	15 - 47	17	24	10 - 51
Renal Failure	2	50	4 - 93	3	33	3 - 87
Severe Acute Heart Disease	9	44	17 - 75	5	40	11 - 82
Severe Chronic Heart Disease	9	22	4 - 61	9	11	8 - 57
Severe Trauma	1	0	0 - 98	0	-	-
Gastrointestinal Disease	10	0	0 - 90	20	0	0 - 54
Gynecologic Disease	3	0	0 -100	0	-	-
Low-Risk Heart Disease	18	0	0 - 55	8	0	1 - 59
Musculoskeletal/Skin Conditions	20	5	1 - 36	21	0	0 - 83
Neuropsychiatric/Sensory Disease	3	0	0 -100	5	0	0 - 99
Urologic Disease	13	0	0 - 93	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	27
Occupancy Rate (%):	26
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SALEM HOSP INC

701 S MAIN ST
HILLSBORO, KS 67063

Medicare Hospital Provider Number: 170026

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	151	13	9 - 20	156	18	9 - 22
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	11	0	14 - 46	8	13	9 - 61
Gastrointestinal Catastrophes	0	-	-	5	80	12 - 79
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	0	2 - 89	11	9	6 - 51
Pulmonary Disease	16	19	19 - 59	15	33	8 - 55
Renal Failure	2	50	6 - 95	0	-	-
Severe Acute Heart Disease	5	60	12 - 83	6	50	15 - 82
Severe Chronic Heart Disease	8	38	6 - 68	10	60	6 - 63
Severe Trauma	2	50	2 - 92	0	-	-
Gastrointestinal Disease	11	0	0 - 94	13	0	0 - 69
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	24	4	0 - 68	16	0	0 - 50
Musculoskeletal/Skin Conditions	9	11	0 - 99	18	0	0 - 78
Neuropsychiatric/Sensory Disease	2	0	0 -100	3	0	0 -100
Urologic Disease	10	0	0 -100	4	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	102
Occupancy Rate (%):	71
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SATANTA DIST HOSP

PO BOX 159
SATANTA, KS 67870

Medicare Hospital Provider Number: 170139

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	59	10	11 - 28	60	17	9 - 29
Cancer	1	100	1 - 97	1	0	1 - 97
Cerebrovascular Accidents	1	0	1 - 97	2	50	2 - 92
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	0	0 - 97	3	0	10 - 83
Pulmonary Disease	9	22	4 - 61	6	50	4 - 74
Renal Failure	0	-	-	1	100	0 -100
Severe Acute Heart Disease	2	0	9 - 92	0	-	-
Severe Chronic Heart Disease	10	0	19 - 53	10	30	9 - 63
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	3	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	4	0	0 -100	5	0	0 -100
Musculoskeletal/Skin Conditions	6	0	0 - 99	7	0	0 - 93
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	38
Occupancy Rate (%):	76
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SCOTT CO HOSP

309 E 3RD ST
SCOTT CITY, KS 67871

Medicare Hospital Provider Number: 170085

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	130	13	8 - 20	158	16	8 - 20
Cancer	2	100	8 - 91	5	80	11 - 78
Cerebrovascular Accidents	7	29	7 - 69	6	67	3 - 73
Gastrointestinal Catastrophes	2	50	4 - 92	1	0	0 - 99
Infectious Disease	1	100	3 - 98	1	100	3 - 98
Metabolic/Electrolyte Disorders	5	40	6 - 78	10	20	5 - 59
Pulmonary Disease	5	40	3 - 78	15	20	9 - 52
Renal Failure	1	100	3 - 99	1	100	2 - 98
Severe Acute Heart Disease	3	67	5 - 86	8	50	13 - 73
Severe Chronic Heart Disease	10	10	6 - 52	4	0	6 - 71
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	24	4	0 - 50	17	6	0 - 77
Gynecologic Disease	2	0	0 -100	0	-	-
Low-Risk Heart Disease	15	0	0 - 79	18	0	0 - 38
Musculoskeletal/Skin Conditions	9	0	0 - 58	12	17	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	5	0	0 -100
Urologic Disease	3	0	0 - 99	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	27
Occupancy Rate (%):	44
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

An Affiliate Of
GPHA
Great Plains Health Alliance

SCOTT COUNTY HOSPITAL
310 East Third Street
SCOTT CITY, KANSAS 67871

Provider # 17/0085

October 18, 1988

COMMENTS ON THE HCFA MORTALITY DATA

We thank you for the opportunity to review and comment on the mortality data that is scheduled for release to the public in December. Our review of the data indicates no errors in admission or discharge dates, however we are not able to verify deaths that have occured after discharge outside this hospital. In general, the sophisticated methodologies used in developing this data make verification and analysis difficult.

Scott County Hospital's actual mortality rate fell outside the predicted range in the diagnostic categories of cancer, infectious disease, and renal failure. It is important to highlight the number of patients treated in these categories. Two patients were treated in the cancer category, one in the infectious disease category, and one in the renal failure category. Obviously the significance of calculating mortality rates for data bases this small is negligible. The broad ranges given as "predicted mortality rates", such as a 3% - 99% expected death rate for patients with renal failure attest to the conclusive value of the data.

The Governing Board, Administration, and Medical Staff st Scott County Hospital regard quality of care as an utmost concern and we applaud efforts to produce reports that will assure the public that the quality of health care delivered to all patients is consistently high. We do not believe, however, that conclusions regarding performance of hospitals can be drawn from mortality data and the use of this data is particularly questionable in small, rural hospitals where the size of the patient population is not large enough to support the HCFA predictions.

It is our hope that by making these comments, HCFA is able to further refine its statistical techniques to include provisions for hospital size and setting, the severity of patient illness, and patient mix so that better measures of care may be developed for the public.

Sincerely,

Julie Diehl

Julie Diehl, R.R.A.
Quality Assurance Coordinator

SEDAN CITY HOSP

300 N ST-BOX C
SEDAN, KS 67361

Medicare Hospital Provider Number: 170106

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	68	18	8 - 27	90	16	8 - 24
Cancer	1	100	3 -100	1	100	3 - 98
Cerebrovascular Accidents	2	0	2 - 89	3	33	5 - 86
Gastrointestinal Catastrophes	1	100	0 -100	2	50	7 - 95
Infectious Disease	1	100	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	3	33	1 - 88	3	33	1 - 87
Pulmonary Disease	7	0	4 - 52	11	27	8 - 60
Renal Failure	1	100	2 - 97	0	-	-
Severe Acute Heart Disease	5	60	12 - 82	5	60	10 - 81
Severe Chronic Heart Disease	2	50	0 - 95	2	50	2 - 92
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	20	0 - 99	1	0	0 -100
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	5	0	0 -100	16	6	0 - 83
Musculoskeletal/Skin Conditions	8	13	0 -100	7	0	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	5	0	0 -100
Urologic Disease	1	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	38
Occupancy Rate (%):	(not available)
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

SHAWNEE MISSION MED CTR

74TH GRANDVIEW
SHAWNEE MISSION, KS 66201

Medicare Hospital Provider Number: 170104

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,634	11	9 - 13	2,582	10	8 - 13
Cancer	80	42	28 - 53	81	43	30 - 56
Cerebrovascular Accidents	91	30	18 - 38	90	30	17 - 38
Gastrointestinal Catastrophes	26	38	16 - 56	20	30	18 - 60
Infectious Disease	33	27	26 - 59	13	15	15 - 59
Metabolic/Electrolyte Disorders	43	16	11 - 40	64	16	13 - 39
Pulmonary Disease	89	29	17 - 39	102	19	17 - 36
Renal Failure	7	43	12 - 81	4	50	9 - 88
Severe Acute Heart Disease	86	48	28 - 51	87	45	27 - 50
Severe Chronic Heart Disease	101	25	16 - 34	89	18	14 - 32
Severe Trauma	3	33	2 - 87	8	25	7 - 67
Gastrointestinal Disease	221	0	1 - 5	203	1	1 - 6
Gynecologic Disease	31	0	0 -100	24	0	0 -100
Low-Risk Heart Disease	285	3	1 - 6	278	3	2 - 7
Musculoskeletal/Skin Conditions	323	4	1 - 7	320	2	1 - 5
Neuropsychiatric/Sensory Disease	128	1	0 - 8	181	2	1 - 8
Urologic Disease	124	2	0 - 13	110	1	0 - 16

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	383
Occupancy Rate (%):	68
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	218
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	0
Registered Nurses:	326
Licensed Practical Nurses:	20

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

SHERIDAN CO HOSP

826-18TH ST
HOXIE, KS 67740

Medicare Hospital Provider Number: 170063

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	85	22	9 - 27	67	15	8 - 26
Cancer	3	100	17 - 89	3	67	8 - 89
Cerebrovascular Accidents	7	14	10 - 66	8	25	9 - 67
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	100	1 - 97	0	-	-
Pulmonary Disease	13	23	14 - 60	3	0	5 - 79
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	3	100	10 - 83	4	25	9 - 82
Severe Chronic Heart Disease	4	0	2 - 73	2	0	1 - 89
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	11	0 - 99	10	10	0 -100
Gynecologic Disease	3	0	0 -100	0	-	-
Low-Risk Heart Disease	14	29	0 - 99	11	9	0 - 95
Musculoskeletal/Skin Conditions	7	0	0 - 93	7	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	1	100	2 - 97
Urologic Disease	2	50	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	59
Occupancy Rate (%):	71
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SMITH CO MEM HOSP

614 S MAIN ST
SMITH CENTER, KS 66967

Medicare Hospital Provider Number: 170093

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	294	12	9 - 17	289	13	10 - 18
Cancer	6	50	6 - 75	8	50	20 - 81
Cerebrovascular Accidents	11	27	9 - 60	12	33	16 - 67
Gastrointestinal Catastrophes	4	100	16 - 79	3	67	7 - 88
Infectious Disease	1	100	2 - 98	2	50	3 - 92
Metabolic/Electrolyte Disorders	0	-	-	3	67	10 - 91
Pulmonary Disease	26	15	17 - 47	21	29	10 - 49
Renal Failure	1	100	2 - 97	0	-	-
Severe Acute Heart Disease	18	39	19 - 63	13	46	17 - 67
Severe Chronic Heart Disease	9	56	10 - 68	14	21	10 - 54
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	31	0	1 - 18	31	3	0 - 35
Gynecologic Disease	3	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	48	6	0 - 28	39	3	1 - 20
Musculoskeletal/Skin Conditions	33	3	1 - 23	17	6	0 - 56
Neuropsychiatric/Sensory Disease	6	0	0 -100	2	50	0 -100
Urologic Disease	5	0	0 -100	5	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	52
Occupancy Rate (%):	73
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SOUTHWEST MEDICAL CTR

15TH AND PERSHING-PO BOX 1340
LIBERAL, KS 67901

Medicare Hospital Provider Number: 170068

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	510	12	9 - 15	544	17	10 - 18
Cancer	21	33	24 - 65	34	65	31 - 65
Cerebrovascular Accidents	11	45	7 - 62	9	44	5 - 66
Gastrointestinal Catastrophes	5	60	7 - 79	5	60	8 - 80
Infectious Disease	4	50	5 - 82	5	40	15 - 85
Metabolic/Electrolyte Disorders	10	40	9 - 67	7	14	3 - 65
Pulmonary Disease	41	20	11 - 38	25	20	6 - 41
Renal Failure	0	-	-	5	80	15 - 87
Severe Acute Heart Disease	21	33	20 - 60	36	53	26 - 59
Severe Chronic Heart Disease	15	53	8 - 57	19	42	8 - 52
Severe Trauma	2	0	2 - 89	0	-	-
Gastrointestinal Disease	44	2	0 - 27	67	0	1 - 8
Gynecologic Disease	18	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	44	2	1 - 17	48	0	1 - 11
Musculoskeletal/Skin Conditions	48	0	0 - 12	36	3	0 - 30
Neuropsychiatric/Sensory Disease	12	0	0 - 85	21	0	0 - 89
Urologic Disease	13	0	0 - 97	10	10	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	85
Occupancy Rate (%):	43
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	20
Percent of Physicians Who Are Board Certified Specialists:	85
Interns and Residents:	0
Registered Nurses:	48
Licensed Practical Nurses:	32

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SPEARVILLE DISTRICT HOSP

HALL & DORSETT STS
SPEARVILLE, KS 67876

Medicare Hospital Provider Number: 170173

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	32	22	7 - 37	21	0	9 - 27
Cancer	1	100	1 - 97	0	-	-
Cerebrovascular Accidents	2	0	2 - 88	1	0	0 -100
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	5	40	6 - 78	2	0	7 - 90
Renal Failure	1	100	3 - 98	0	-	-
Severe Acute Heart Disease	0	-	-	1	0	1 - 97
Severe Chronic Heart Disease	2	0	1 - 91	5	0	7 - 64
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	3 - 99	2	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	5	0	0 -100	2	0	0 -100
Musculoskeletal/Skin Conditions	2	0	0 - 98	1	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	0	-	-
Urologic Disease	1	100	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	25
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST ANTHONY HOSP

2220 CANTERBURY RD
HAYS, KS 67601

Medicare Hospital Provider Number: 170003

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	776	10	8 - 14	727	11	10 - 15
Cancer	24	38	21 - 61	14	36	20 - 69
Cerebrovascular Accidents	11	9	12 - 53	13	23	10 - 56
Gastrointestinal Catastrophes	4	50	8 - 85	8	13	15 - 68
Infectious Disease	10	30	9 - 64	4	50	6 - 83
Metabolic/Electrolyte Disorders	15	20	12 - 56	30	27	10 - 46
Pulmonary Disease	40	30	15 - 45	45	31	18 - 46
Renal Failure	2	100	7 - 92	2	50	3 - 93
Severe Acute Heart Disease	14	64	19 - 66	26	38	24 - 61
Severe Chronic Heart Disease	23	13	13 - 44	30	27	12 - 44
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	86	2	1 - 11	60	3	1 - 17
Gynecologic Disease	16	0	0 -100	15	0	0 -100
Low-Risk Heart Disease	100	2	1 - 9	78	1	1 - 9
Musculoskeletal/Skin Conditions	81	2	1 - 11	51	2	0 - 17
Neuropsychiatric/Sensory Disease	17	0	0 - 75	21	5	0 - 59
Urologic Disease	79	1	0 - 13	74	1	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	120
Occupancy Rate (%):	(not available)
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

ST CATHERINE HOSP

608 N 5TH ST
GARDEN CITY, KS 67846

Medicare Hospital Provider Number: 170023

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	762	10	10 - 15	696	10	9 - 15
Cancer	32	47	23 - 59	17	53	23 - 69
Cerebrovascular Accidents	25	44	10 - 49	7	57	8 - 72
Gastrointestinal Catastrophes	6	0	24 - 75	5	20	13 - 80
Infectious Disease	8	38	15 - 75	9	0	15 - 54
Metabolic/Electrolyte Disorders	7	14	3 - 65	5	0	5 - 64
Pulmonary Disease	44	20	13 - 39	35	34	22 - 54
Renal Failure	0	-	-	1	100	0 - 98
Severe Acute Heart Disease	21	29	22 - 61	19	37	25 - 67
Severe Chronic Heart Disease	43	16	13 - 37	42	12	14 - 36
Severe Trauma	2	0	1 - 91	1	0	0 - 98
Gastrointestinal Disease	81	2	1 - 12	65	3	0 - 16
Gynecologic Disease	14	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	56	2	1 - 13	68	1	1 - 11
Musculoskeletal/Skin Conditions	59	3	1 - 16	55	0	1 - 10
Neuropsychiatric/Sensory Disease	14	0	0 - 67	24	4	0 - 50
Urologic Disease	57	2	0 - 30	48	2	0 - 24

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	101
Occupancy Rate (%):	59
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	34
Percent of Physicians Who Are Board Certified Specialists:	76
Interns and Residents:	1
Registered Nurses:	109
Licensed Practical Nurses:	11

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	Yes
Hospice Care:	No

ST. CATHERINE HOSPITAL
608 NORTH FIFTH STREET • GARDEN CITY, KANSAS 67846
(316) 275-6111

Medicare Provider #17-0023

October 21, 1988

William R. Roper, M.D.
Administrator
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

St. Catherine Hospital recognizes and practices the importance of quality assurance and review in patient care. In doing so, the hospital conducts regular quality reviews on all mortalities through our peer review system and quality assurance programs. We have used the data submitted by the Health Care Financing Administration as a tool to supplement already existing reviews. Specifically, the hospital re-reviewed all deaths listed in a low risk category and all deaths occurring after discharge.

Our mortality figures indicate 77 out of 762 Medicare patients died within 30 days of admission. Fifteen of these patients died outside of the hospital.

While this review system provides additional information for both consumers and hospitals, we do not believe that the mortality data can or should be used as a measure or indication of high or low levels of quality. While some diagnostic categories were changed and some comorbid situations were recognized this year, the data still fails to account for factors such as the patients' general health, prior treatments, stage and severity of illness or the existence of an underlying serious illness.

Steven D. Wilkinson
President & Chief Executive Officer

SDW/lsb

Owned and operated by the Sisters of St. Dominic • Great Bend, Kansas

ST FRANCIS HOSP AND MED CTR

1700 W 7TH ST
TOPEKA, KS 66606

Medicare Hospital Provider Number: 170016

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,617	11	9 - 14	2,434	11	9 - 13
Cancer	124	31	30 - 51	83	30	28 - 52
Cerebrovascular Accidents	62	13	19 - 38	77	32	19 - 41
Gastrointestinal Catastrophes	17	35	14 - 60	23	39	18 - 60
Infectious Disease	29	52	21 - 59	28	29	20 - 56
Metabolic/Electrolyte Disorders	29	34	8 - 46	30	20	7 - 41
Pulmonary Disease	100	29	18 - 39	105	25	18 - 38
Renal Failure	21	33	12 - 65	21	29	11 - 65
Severe Acute Heart Disease	101	38	28 - 49	74	39	27 - 51
Severe Chronic Heart Disease	116	22	15 - 32	105	24	13 - 31
Severe Trauma	7	14	8 - 66	5	20	2 - 76
Gastrointestinal Disease	140	1	1 - 6	160	4	1 - 9
Gynecologic Disease	41	0	0 -100	32	0	0 - 99
Low-Risk Heart Disease	375	4	2 - 6	340	3	2 - 6
Musculoskeletal/Skin Conditions	288	3	1 - 6	264	2	1 - 6
Neuropsychiatric/Sensory Disease	55	2	0 - 20	70	3	0 - 15
Urologic Disease	136	4	0 - 11	127	1	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	311
Occupancy Rate (%):	58
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	234
Percent of Physicians Who Are Board Certified Specialists:	70
Interns and Residents:	0
Registered Nurses:	292
Licensed Practical Nurses:	66

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

ST FRANCIS REGIONAL MEDICAL CENTER

929 N ST FRANCIS AVE
WICHITA, KS 67214

Medicare Hospital Provider Number: 170122

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,976	10	10 - 14	5,049	11	10 - 14
Cancer	160	39	33 - 54	154	40	33 - 54
Cerebrovascular Accidents	142	20	20 - 35	153	22	21 - 37
Gastrointestinal Catastrophes	36	33	18 - 53	31	39	20 - 57
Infectious Disease	67	28	29 - 55	55	27	24 - 52
Metabolic/Electrolyte Disorders	99	20	15 - 39	119	24	12 - 35
Pulmonary Disease	156	19	18 - 34	170	29	19 - 36
Renal Failure	47	13	16 - 61	54	24	15 - 62
Severe Acute Heart Disease	212	35	29 - 45	197	34	31 - 47
Severe Chronic Heart Disease	238	26	18 - 31	252	26	19 - 32
Severe Trauma	17	18	10 - 52	17	35	10 - 58
Gastrointestinal Disease	215	3	1 - 8	220	3	1 - 7
Gynecologic Disease	38	0	0 -100	38	0	0 -100
Low-Risk Heart Disease	1,028	4	3 - 6	987	4	3 - 6
Musculoskeletal/Skin Conditions	449	2	1 - 5	512	2	1 - 5
Neuropsychiatric/Sensory Disease	202	2	0 - 8	207	2	0 - 7
Urologic Disease	152	3	0 - 12	156	3	1 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	558
Occupancy Rate (%):	68
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	322
Percent of Physicians Who Are Board Certified Specialists:	65
Interns and Residents:	88
Registered Nurses:	552
Licensed Practical Nurses:	95

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

ST JOHN DISTRICT HOSP

609 E 1ST ST
SAINT JOHN, KS 67576

Medicare Hospital Provider Number: 170125

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	74	18	9 - 27	76	16	7 - 25
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	3	100	9 - 81	2	100	2 - 89
Gastrointestinal Catastrophes	1	100	2 - 97	0	-	-
Infectious Disease	0	-	-	1	100	3 - 99
Metabolic/Electrolyte Disorders	6	33	1 - 77	2	100	0 - 98
Pulmonary Disease	15	7	13 - 46	11	9	7 - 50
Renal Failure	1	100	3 - 99	0	-	-
Severe Acute Heart Disease	2	100	4 - 89	1	100	0 - 98
Severe Chronic Heart Disease	3	33	1 - 90	6	33	10 - 76
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	4	0	2 - 72	10	10	0 - 89
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	7	0	0 -100	9	11	0 - 93
Musculoskeletal/Skin Conditions	7	0	0 -100	5	0	0 -100
Neuropsychiatric/Sensory Disease	4	0	1 - 79	2	0	0 -100
Urologic Disease	3	33	1 - 90	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	34
Occupancy Rate (%):	44
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST JOHN HOSP

3500 S 4TH ST TRAFFICWAY
LEAVENWORTH, KS 66048

Medicare Hospital Provider Number: 170009

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	374	14	9 - 17	329	13	9 - 17
Cancer	9	67	17 - 74	6	33	11 - 77
Cerebrovascular Accidents	8	38	5 - 67	14	29	9 - 56
Gastrointestinal Catastrophes	4	75	5 - 80	3	33	4 - 86
Infectious Disease	4	0	3 - 71	5	20	10 - 77
Metabolic/Electrolyte Disorders	1	0	0 - 99	7	14	6 - 65
Pulmonary Disease	42	24	15 - 42	25	40	14 - 53
Renal Failure	4	75	11 - 87	0	-	-
Severe Acute Heart Disease	12	42	13 - 65	13	46	14 - 65
Severe Chronic Heart Disease	21	14	9 - 42	24	38	9 - 48
Severe Trauma	0	-	-	2	0	1 - 91
Gastrointestinal Disease	39	5	0 - 38	30	0	0 - 20
Gynecologic Disease	8	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	31	3	0 - 33	17	6	0 - 86
Musculoskeletal/Skin Conditions	33	3	0 - 47	21	0	0 - 51
Neuropsychiatric/Sensory Disease	6	0	0 -100	11	0	0 -100
Urologic Disease	22	0	0 - 71	29	0	0 - 89

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	76
Occupancy Rate (%):	42
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	44
Percent of Physicians Who Are Board Certified Specialists:	32
Interns and Residents:	0
Registered Nurses:	58
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST JOHNS HOSP

139 N PENN ST
SALINA, KS 67401

Medicare Hospital Provider Number: 170011

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,019	9	8 - 13	1,133	10	8 - 13
Cancer	39	54	36 - 69	43	47	31 - 63
Cerebrovascular Accidents	21	52	13 - 55	19	47	9 - 53
Gastrointestinal Catastrophes	10	20	16 - 68	4	50	6 - 83
Infectious Disease	5	0	10 - 66	6	0	8 - 60
Metabolic/Electrolyte Disorders	6	0	5 - 59	14	14	5 - 50
Pulmonary Disease	30	17	14 - 44	30	37	11 - 47
Renal Failure	2	50	2 - 92	1	0	3 - 98
Severe Acute Heart Disease	36	53	24 - 56	41	34	29 - 59
Severe Chronic Heart Disease	20	20	9 - 46	31	35	12 - 46
Severe Trauma	1	0	1 - 97	2	0	1 - 90
Gastrointestinal Disease	60	2	1 - 12	68	3	1 - 14
Gynecologic Disease	11	0	0 -100	16	0	0 - 99
Low-Risk Heart Disease	61	3	1 - 15	52	6	1 - 21
Musculoskeletal/Skin Conditions	154	0	1 - 5	142	1	1 - 7
Neuropsychiatric/Sensory Disease	176	1	1 - 6	221	0	1 - 5
Urologic Disease	51	2	0 - 39	52	0	0 - 26

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	200
Occupancy Rate (%):	55
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	93
Percent of Physicians Who Are Board Certified Specialists:	72
Interns and Residents:	0
Registered Nurses:	74
Licensed Practical Nurses:	14

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

YEARS OF CARING

October 21, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Department of Health and Human Services
Washington, D.C. 20201

Medicare Number 170011

Dear Dr. Roper:

I have reviewed the selected mortality information of St. John's Hospital, Salina, Kansas, for year 1987. As in the previous year, St. John's is again within the predicted ranges for each diagnostic category. The recalculation of year 1986 data to conform to the parameters used for year 1987 caused some confusion when trying to contrast the two sets of data. However, since all categories for both years are within the ranges of predictability, any concerns become somewhat mollified.

It is of interest to note the ages of patients in some categories, which verifies the predictions of several years ago that the United States population is aging and that health care providers will be realizing an upward trend in the ages of those they serve. This fact should have significance to those in charge of the Medicare program. Additional dollars will be needed just to accommodate the increase in numbers of Medicare eligible recipients.

On behalf of St. John's Hospital, I urge you to be cognizant of the needs of our elderly as they seek health care services.

Sincerely,

Roy E. White
Administrator

/pw
L ROPER 10-21-88
ALL

139 North Penn • P.O. Box 5201 • Salina KS 67402-5201 • (913) 827-55

ST JOSEPH HOSP

1100 HIGHLAND DR
CONCORDIA, KS 66901

Medicare Hospital Provider Number: 170095

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	524	15	12 - 19	614	12	12 - 18
Cancer	13	77	25 - 71	19	79	36 - 75
Cerebrovascular Accidents	34	41	18 - 51	32	22	16 - 46
Gastrointestinal Catastrophes	5	80	12 - 80	6	17	13 - 75
Infectious Disease	7	14	10 - 67	6	17	8 - 70
Metabolic/Electrolyte Disorders	1	0	0 - 99	7	14	2 - 66
Pulmonary Disease	48	29	20 - 47	67	25	20 - 43
Renal Failure	1	0	1 - 97	2	50	8 - 98
Severe Acute Heart Disease	19	68	24 - 65	19	53	21 - 64
Severe Chronic Heart Disease	33	18	14 - 42	36	11	16 - 40
Severe Trauma	1	100	2 - 97	0	-	-
Gastrointestinal Disease	43	0	0 - 14	43	2	0 - 20
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	66	5	1 - 15	78	5	1 - 16
Musculoskeletal/Skin Conditions	45	2	0 - 21	36	0	1 - 14
Neuropsychiatric/Sensory Disease	11	0	0 -100	26	0	0 - 68
Urologic Disease	33	0	1 - 16	41	0	1 - 13

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	53
Occupancy Rate (%):	64
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	16
Percent of Physicians Who Are Board Certified Specialists:	81
Interns and Residents:	0
Registered Nurses:	35
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST.
JOSEPH
HOSPITAL

MEDICARE PROVIDER # 170095

October 17, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Balltimore, Maryland 21207

Dear Mrs. Kappert,

In review of the Medicare Hospital Mortality Information released to St. Joseph Hospital our comments are directed to the Hospital Characteristics.

AHA Survey year, 1986, reported our number of beds to be 53 instead of 33 as indicated on the information sheet with an occupancy rate of 64%.

Under the heading, Staffing, total number of physicians is correct but 93% are Board Certified instead of the 53% as you have reported.

Thank you for the opportunity to review this data prior to its release.

Sincerely,

Jean Bachand RN

Jean Bachand, R.N.
Director of Utilization Services

1100 HIGHLAND DRIVE • CONCORDIA, KANSAS 66901 • (913) 243-1234
"A Member of the CSJ Health System of Wichita"

ST JOSEPH MED CTR

3600 E HARRY
WICHITA, KS 67218

Medicare Hospital Provider Number: 170087

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,949	11	9 - 13	2,956	12	10 - 14
Cancer	83	45	31 - 56	94	40	30 - 54
Cerebrovascular Accidents	104	23	16 - 34	97	22	20 - 39
Gastrointestinal Catastrophes	19	42	13 - 58	18	39	12 - 58
Infectious Disease	27	44	18 - 56	35	23	19 - 51
Metabolic/Electrolyte Disorders	65	6	10 - 33	82	18	13 - 37
Pulmonary Disease	142	23	17 - 35	138	29	17 - 35
Renal Failure	8	75	18 - 82	12	58	16 - 77
Severe Acute Heart Disease	87	36	27 - 49	102	42	27 - 48
Severe Chronic Heart Disease	191	21	16 - 30	173	31	18 - 34
Severe Trauma	4	50	3 - 82	9	33	8 - 68
Gastrointestinal Disease	154	3	1 - 8	158	2	1 - 7
Gynecologic Disease	42	0	0 - 43	33	0	0 - 18
Low-Risk Heart Disease	400	3	2 - 6	463	4	2 - 6
Musculoskeletal/Skin Conditions	271	2	1 - 6	241	2	1 - 6
Neuropsychiatric/Sensory Disease	131	3	1 - 10	143	2	1 - 8
Urologic Disease	111	5	0 - 45	96	2	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	473
Occupancy Rate (%):	71
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	337
Percent of Physicians Who Are Board Certified Specialists:	68
Interns and Residents:	36
Registered Nurses:	374
Licensed Practical Nurses:	88

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

St. Joseph Medical Center
3600 East Harry/Wichita, Kansas 67218 / (316) 685-111

October 24, 1988

Hospital ID: 170087

Health Standards & Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We have reviewed the statistics that you are planning to publish in the 1987 Medicare Hospital Mortality Information and would like to provide you with comments related to St. Joseph Medical Center of Wichita, KS.

Our medical center records indicate several discrepancies in the data provided to us by the Health Care Financing Administration (HCFA). Please let me outline them. First, we identified seven (7) cases which incorrectly reported patient age, and one (1) case which listed the incorrect date of death. There was also a discrepancy in five (5) of the principle diagnoses listed by HCFA.

Another body of information listed under "Hospital Characteristics" also carried incompatible facts. Some of these facts will be provided to you over the telephone by Dan Reaman, our vice president of Marketing. It is being documented for you below:

"SURVEY AND YEAR: AHA 1986"		
Beds (#):	473	(not 152)
Occupancy Rate (%):	71%	(not 68%)
"STAFFING:"		
Total Number of Physicians	459	(not 253)
Percent of Physicians who are Board Certified Specialists:	72%	(not 47%)

Thank you for allowing us the opportunity to review the HCFA Mortality information before it is published in December.

Sincerely,

LeRoy Rheault

LeRoy Rheault
President
Chief Executive Officer

ST JOSEPH MEM HOSP

923 CARROLL ST
LARNED, KS 67550

Medicare Hospital Provider Number: 170005

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	156	15	8 - 20	132	20	10 - 24
Cancer	0	-	-	1	100	0 - 97
Cerebrovascular Accidents	8	25	7 - 65	7	43	12 - 75
Gastrointestinal Catastrophes	1	100	3 - 98	1	0	0 - 98
Infectious Disease	1	100	0 - 98	1	0	1 - 97
Metabolic/Electrolyte Disorders	3	0	0 - 97	5	0	2 - 66
Pulmonary Disease	19	11	10 - 43	24	25	10 - 46
Renal Failure	0	-	-	2	50	4 - 93
Severe Acute Heart Disease	10	50	17 - 73	7	43	11 - 74
Severe Chronic Heart Disease	9	56	3 - 66	9	56	4 - 65
Severe Trauma	1	0	2 - 97	0	-	-
Gastrointestinal Disease	15	0	0 - 98	10	0	0 - 99
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	22	0	0 - 31	8	25	1 - 71
Musculoskeletal/Skin Conditions	11	0	0 -100	11	0	0 - 97
Neuropsychiatric/Sensory Disease	9	0	0 -100	7	0	0 - 98
Urologic Disease	2	50	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	68
Occupancy Rate (%):	44
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST LUKE HOSPITAL

1014 E MELVIN
MARION, KS 66861

Medicare Hospital Provider Number: 170025

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	225	15	7 - 17	221	16	9 - 19
Cancer	4	50	6 - 83	9	67	20 - 77
Cerebrovascular Accidents	9	67	7 - 65	13	54	10 - 61
Gastrointestinal Catastrophes	1	0	3 - 98	3	33	7 - 88
Infectious Disease	4	50	6 - 83	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 - 99
Pulmonary Disease	19	26	7 - 48	16	38	8 - 55
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	7	43	11 - 74	11	55	17 - 70
Severe Chronic Heart Disease	15	47	5 - 55	12	8	11 - 50
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	18	6	0 - 98	19	5	0 - 82
Gynecologic Disease	3	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	31	0	0 - 27	27	0	0 - 31
Musculoskeletal/Skin Conditions	17	0	0 - 93	18	6	0 - 88
Neuropsychiatric/Sensory Disease	5	0	0 -100	7	14	0 -100
Urologic Disease	10	0	0 -100	13	0	0 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	25
Occupancy Rate (%):	28
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST LUKES HOSP

1323 N A ST
WELLINGTON, KS 67152

Medicare Hospital Provider Number: 170039

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	371	12	9 - 17	384	14	9 - 17
Cancer	5	40	14 - 84	9	78	29 - 82
Cerebrovascular Accidents	20	20	12 - 48	21	43	13 - 55
Gastrointestinal Catastrophes	3	67	7 - 88	1	100	0 - 98
Infectious Disease	7	43	9 - 73	4	25	10 - 83
Metabolic/Electrolyte Disorders	3	33	1 - 89	9	33	6 - 65
Pulmonary Disease	26	31	12 - 48	17	29	6 - 51
Renal Failure	2	100	7 - 92	3	0	8 - 84
Severe Acute Heart Disease	17	47	17 - 62	17	35	22 - 66
Severe Chronic Heart Disease	19	21	10 - 48	15	33	9 - 56
Severe Trauma	1	0	0 - 98	0	-	-
Gastrointestinal Disease	45	0	1 - 12	51	2	1 - 16
Gynecologic Disease	3	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	44	5	1 - 23	40	7	0 - 38
Musculoskeletal/Skin Conditions	35	6	0 - 38	39	0	0 - 17
Neuropsychiatric/Sensory Disease	18	0	0 - 88	14	0	0 - 99
Urologic Disease	15	7	0 - 64	15	0	0 - 84

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	80
Occupancy Rate (%):	24
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	40
Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST MARYS HOSP

1823 COLLEGE AVE
MANHATTAN, KS 66502

Medicare Hospital Provider Number: 170142

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	709	11	9 - 15	723	10	8 - 13
Cancer	16	44	27 - 74	17	59	27 - 72
Cerebrovascular Accidents	29	21	17 - 47	20	30	13 - 53
Gastrointestinal Catastrophes	4	75	12 - 85	2	0	2 - 89
Infectious Disease	5	20	7 - 75	11	9	12 - 56
Metabolic/Electrolyte Disorders	8	13	10 - 64	7	29	3 - 70
Pulmonary Disease	46	37	15 - 44	32	28	9 - 42
Renal Failure	1	100	2 - 97	0	-	-
Severe Acute Heart Disease	26	38	24 - 61	22	55	22 - 63
Severe Chronic Heart Disease	30	23	9 - 41	31	29	12 - 45
Severe Trauma	2	0	2 - 89	0	-	-
Gastrointestinal Disease	56	4	0 - 19	57	2	1 - 14
Gynecologic Disease	20	0	0 -100	18	0	0 -100
Low-Risk Heart Disease	53	0	1 - 10	70	6	0 - 19
Musculoskeletal/Skin Conditions	119	2	1 - 8	104	0	2 - 6
Neuropsychiatric/Sensory Disease	41	5	0 - 44	47	0	0 - 18
Urologic Disease	42	2	0 - 67	32	0	0 - 27

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	95
Occupancy Rate (%):	42
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	50
Percent of Physicians Who Are Board Certified Specialists:	84
Interns and Residents:	0
Registered Nurses:	80
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST MARYS HOSPITAL

15TH STATE STS
EMPORIA, KS 66801

Medicare Hospital Provider Number: 170007

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	403	12	8 - 16	380	11	9 - 16
Cancer	14	50	14 - 64	12	33	21 - 72
Cerebrovascular Accidents	12	8	12 - 51	12	25	11 - 60
Gastrointestinal Catastrophes	4	50	5 - 82	3	0	5 - 79
Infectious Disease	6	67	9 - 76	3	33	7 - 88
Metabolic/Electrolyte Disorders	10	10	8 - 55	5	0	6 - 65
Pulmonary Disease	28	29	14 - 48	20	20	14 - 51
Renal Failure	1	100	3 - 98	1	100	3 - 98
Severe Acute Heart Disease	12	67	17 - 68	21	52	21 - 62
Severe Chronic Heart Disease	18	39	7 - 52	22	9	13 - 41
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	32	3	0 - 30	46	2	0 - 21
Gynecologic Disease	4	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	56	0	2 - 10	36	3	0 - 26
Musculoskeletal/Skin Conditions	53	0	0 - 15	34	3	0 - 40
Neuropsychiatric/Sensory Disease	4	0	0 -100	11	0	0 - 98
Urologic Disease	18	0	0 - 90	17	6	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	44
Occupancy Rate (%):	46
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	44
Percent of Physicians Who Are Board Certified Specialists:	77
Interns and Residents:	0
Registered Nurses:	36
Licensed Practical Nurses:	13

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST MARYS HEALTH CENTER

"Quality Care With Christian Sensitivity"

15th & State
Emporia, Kansas 66801
(316) 342-2450

*Inasmuch as you have
done it unto one of the least of my brethren,
you have done unto me."* Matthew 25:40

October 11, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Blvd.
Baltimore, Maryland 21207

ATT: Sandra Kappert

RE: Response to HFCA mortality statistics

I would like to take this opportunity to submit clarification regarding the mortality information you have for St. Mary's Health Center in Emporia, Kansas.

Initially, I feel the overall statistics would be easier to understand if there were an additional column for the actual number of deaths in a category; i.e. 403 cases, 50 deaths, mortality rate of 12%, etc. At first glance it is easy to presume that the number of cases for a specified category is the number of deaths.

Secondly, I feel it is important to note that the deaths included in the statistics include patients who died within 30 days of dismissal from the hospital. In our case 14 of the 50 cases (28%) had been dismissed from the hospital and subsequently died within 30 days. It is also important to know the cause of death (may have been different from the hospital diagnosis) How many of these patients went to ICF, SNF or Hospice care? A review of these records, using the discharge criteria established by the local PRO, reveals that only two of these patients did not meet all of the discharge criteria which would indicate that the patients were stable at the time of dismissal. One of the patients was transferred to a nursing home with a temperature above the anticipated discharge range of 101 degrees; however this patient had been admitted to the hospital unresponsive and the family had requested that no intensive efforts be carried out to sustain the patient's life. The other patient who did not meet the discharge criteria was transferred to our swing bed program for further followup at the skilled level of care. This patient did have an elevated pulse rate at the time of dismissal from acute care. It is also important to note that records of all patients who died within the hospital are reviewed carefully as part of our quality assurance program. Appropriateness of care is documented.

One statistic which is quite noticeable is the 100% death rate for renal failure. I would like to note that we had only one patient with this diagnosis during 1987. It is very important to clarify a statistic such as this. Since this patient expired following dismissal this resulted in a 100% death rate. A review of this case reveals that the prognosis was felt to be very poor for the patient at the time of dismissal; however she did have stable vital signs, her strength had improved and she was not short of breath. The family did not desire transfer to another facility for hemodialysis or peritoneal dialysis.

I also feel I need to submit some clarification regarding a 67% death rate for patients with infectious disease. Here again we had very few patients (6) and your statistics show that 4 of these died. A review of the records in this instance, however, reveals that a wrong diagnosis had been submitted as the principle diagnosis in one case (the infectious process was a secondary diagnosis). There was also one case where the doctor suspected an infectious process (sepsis); however this was not proven by laboratory examinations.

Your consideration of the above information will be greatly appreciated.

Sincerely,

RJ. King

R. J. King, CEO

RK:rc

STAFFORD DIST HOSP 4

502 S BUCKEYE
STAFFORD, KS 67578

Medicare Hospital Provider Number: 170038

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	177	14	10 - 21	186	14	9 - 20
Cancer	1	100	1 -100	0	-	-
Cerebrovascular Accidents	10	30	6 - 61	4	50	2 - 83
Gastrointestinal Catastrophes	1	0	3 - 99	0	-	-
Infectious Disease	2	0	3 - 88	6	50	5 - 75
Metabolic/Electrolyte Disorders	6	17	3 - 70	1	0	0 - 99
Pulmonary Disease	20	15	14 - 48	20	30	11 - 51
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	14	43	16 - 65	18	28	26 - 67
Severe Chronic Heart Disease	5	0	2 - 65	16	38	8 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	8	0	0 - 95	20	5	0 - 93
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	45	2	1 - 16	31	3	0 - 28
Musculoskeletal/Skin Conditions	8	0	0 -100	10	10	0 -100
Neuropsychiatric/Sensory Disease	6	17	0 -100	5	0	0 -100
Urologic Disease	3	0	0 -100	6	0	0 - 98

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	25
Occupancy Rate (%):	32
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	25
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

STANTON CO HOSP

404 NORTH CHESTNUT BOX E
JOHNSON, KS 67855

Medicare Hospital Provider Number: 170117

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	21	24	7 - 44	36	11	7 - 30
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	1	100	2 - 97
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 99	1	0	0 -100
Pulmonary Disease	6	33	3 - 73	7	29	11 - 72
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	3	33	5 - 87	2	50	4 - 92
Severe Chronic Heart Disease	2	50	0 - 95	2	0	0 - 93
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	3	0	0 -100	1	0	0 -100
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	1	100	0 - 98	8	0	0 - 82
Musculoskeletal/Skin Conditions	0	-	-	4	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	46
Occupancy Rate (%):	57
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

STEVENS CO HOSP

1006 S JACKSON ST POB 10
HUGOTON, KS 67951

Medicare Hospital Provider Number: 170089

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	69	13	6 - 23	76	14	6 - 23
Cancer	2	100	11 - 95	2	0	9 - 93
Cerebrovascular Accidents	4	75	2 - 81	3	67	3 - 86
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	3	0	1 - 82	1	100	2 -100
Renal Failure	0	-	-	1	0	1 - 97
Severe Acute Heart Disease	1	100	3 - 98	4	25	8 - 81
Severe Chronic Heart Disease	3	0	1 - 82	3	67	1 - 88
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	8	0	0 - 99	13	0	0 - 98
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	8	0	0 - 99	9	0	0 - 99
Musculoskeletal/Skin Conditions	4	0	0 -100	10	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	4	0	0 -100
Urologic Disease	2	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	17
Occupancy Rate (%):	18
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	25
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

STORMONT VAIL REG MED CTR

1500 W 10TH ST
TOPEKA, KS 66606

Medicare Hospital Provider Number: 170086

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,827	9	9 - 13	2,849	10	8 - 12
Cancer	73	34	27 - 53	82	32	25 - 49
Cerebrovascular Accidents	112	21	20 - 36	117	21	18 - 35
Gastrointestinal Catastrophes	21	19	20 - 58	14	21	15 - 61
Infectious Disease	25	12	15 - 46	15	33	14 - 62
Metabolic/Electrolyte Disorders	35	11	8 - 37	25	20	9 - 45
Pulmonary Disease	100	27	17 - 37	103	26	16 - 36
Renal Failure	7	57	10 - 79	8	63	12 - 79
Severe Acute Heart Disease	131	32	29 - 48	107	31	30 - 50
Severe Chronic Heart Disease	121	20	15 - 31	137	27	14 - 31
Severe Trauma	5	40	2 - 79	11	36	8 - 64
Gastrointestinal Disease	153	2	1 - 8	157	4	1 - 10
Gynecologic Disease	46	0	0 -100	40	0	0 -100
Low-Risk Heart Disease	422	3	2 - 6	403	3	2 - 6
Musculoskeletal/Skin Conditions	320	1	1 - 5	333	2	1 - 5
Neuropsychiatric/Sensory Disease	142	3	0 - 10	145	1	0 - 8
Urologic Disease	158	1	0 - 7	174	1	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 361
Occupancy Rate (%): 74
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 219
Percent of Physicians Who Are Board Certified Specialists: 80
Interns and Residents: 0
Registered Nurses: 342
Licensed Practical Nurses: 69

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

TREGO CO-LEMKE MEM HOSP

320 13TH ST
WAKEENEY, KS 67672

Medicare Hospital Provider Number: 170077

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	197	9	10 - 19	188	10	9 - 18
Cancer	1	100	2 - 97	5	80	18 - 84
Cerebrovascular Accidents	12	0	19 - 48	15	27	11 - 55
Gastrointestinal Catastrophes	1	100	1 - 97	1	0	0 - 97
Infectious Disease	2	0	5 - 89	4	25	4 - 80
Metabolic/Electrolyte Disorders	8	13	4 - 61	15	7	5 - 43
Pulmonary Disease	21	14	12 - 45	17	12	8 - 44
Renal Failure	1	100	3 - 99	0	-	-
Severe Acute Heart Disease	11	36	18 - 71	4	0	11 - 74
Severe Chronic Heart Disease	6	0	13 - 63	2	50	5 - 93
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	23	0	0 - 30	10	20	0 - 75
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	19	0	1 - 29	28	0	1 - 20
Musculoskeletal/Skin Conditions	20	5	0 - 96	15	0	0 -100
Neuropsychiatric/Sensory Disease	7	0	0 -100	2	0	0 -100
Urologic Disease	2	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	64
Occupancy Rate (%):	72
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

UNIV OF KANSAS MED CTR

39TH RAINBOW BLVD
KANSAS CITY, KS 66103

Medicare Hospital Provider Number: 170040

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,259	9	9 - 13	2,201	11	10 - 14
Cancer	125	26	30 - 51	117	28	33 - 55
Cerebrovascular Accidents	49	20	14 - 38	52	23	17 - 41
Gastrointestinal Catastrophes	20	20	13 - 52	15	27	20 - 66
Infectious Disease	26	35	20 - 58	38	58	23 - 58
Metabolic/Electrolyte Disorders	41	34	21 - 55	28	25	16 - 52
Pulmonary Disease	76	16	17 - 36	72	24	18 - 40
Renal Failure	30	7	5 - 52	31	16	5 - 56
Severe Acute Heart Disease	58	41	26 - 53	58	45	27 - 54
Severe Chronic Heart Disease	71	8	16 - 31	65	15	13 - 32
Severe Trauma	11	55	8 - 65	11	82	8 - 59
Gastrointestinal Disease	99	4	0 - 13	106	2	1 - 9
Gynecologic Disease	43	0	0 -100	57	0	0 - 13
Low-Risk Heart Disease	203	2	1 - 6	185	4	1 - 9
Musculoskeletal/Skin Conditions	214	1	1 - 6	197	2	1 - 7
Neuropsychiatric/Sensory Disease	121	2	0 - 12	104	2	1 - 10
Urologic Disease	200	0	1 - 5	152	1	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	484
Occupancy Rate (%):	76
Ownership/Control:	State Government

STAFFING

Total Number of Physicians:	327
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	298
Registered Nurses:	441
Licensed Practical Nurses:	143

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	Yes
Hospice Care:	No

WAMEGO CITY HOSP

711 GENN DR
WAMEGO, KS 66547

Medicare Hospital Provider Number: 170128

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	109	12	8 - 21	122	16	11 - 25
Cancer	1	100	1 - 97	1	0	3 - 98
Cerebrovascular Accidents	4	25	8 - 82	8	38	10 - 70
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	3	0	1 - 85	5	20	0 - 83
Pulmonary Disease	13	8	8 - 46	18	17	10 - 48
Renal Failure	1	100	0 -100	1	100	3 - 99
Severe Acute Heart Disease	5	60	12 - 82	9	56	22 - 80
Severe Chronic Heart Disease	9	33	5 - 64	13	23	8 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	10	0	1 - 44	13	0	0 - 69
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	10	0	0 - 90	14	14	0 - 85
Musculoskeletal/Skin Conditions	9	0	0 -100	12	0	0 - 94
Neuropsychiatric/Sensory Disease	7	0	0 - 97	5	0	0 -100
Urologic Disease	3	0	0 - 97	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	18
Occupancy Rate (%):	28
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	88
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WASHINGTON CO DISTRICT 1 HOSP

205 SOUTH HANOVER
HANOVER, KS 66945

Medicare Hospital Provider Number: 170099

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	84	7	11 - 23	77	19	11 - 30
Cancer	1	0	0 - 97	1	0	0 - 98
Cerebrovascular Accidents	4	0	3 - 71	2	0	2 - 89
Gastrointestinal Catastrophes	1	100	1 - 97	0	-	-
Infectious Disease	1	0	0 - 98	4	0	7 - 72
Metabolic/Electrolyte Disorders	4	0	3 - 71	0	-	-
Pulmonary Disease	16	13	15 - 52	13	23	11 - 58
Renal Failure	0	-	-	1	100	3 -100
Severe Acute Heart Disease	2	100	10 - 94	9	44	18 - 75
Severe Chronic Heart Disease	6	0	8 - 58	2	0	0 - 92
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	0	0 -100	4	0	0 -100
Gynecologic Disease	2	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	7	0	0 -100	8	0	0 - 96
Musculoskeletal/Skin Conditions	7	0	0 -100	6	0	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	4	0	0 -100
Urologic Disease	1	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	50
Occupancy Rate (%):	66
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Hanover Hospital

Box 38, Hanover, KS 66945

Board of Directors
Berdean Holle
Gordon Loges
Wayne Crome
Waldo Kruse
Dianne Bruna

Administrator
R.D. Warren, M.D.

Director of Nursing
Janice Kearn, R.N.

September 20, 1988

Sandra Kappert
Department of Health and Human Services
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

It has come to my attention on the Medicare Hospital Mortality Information sheet under the category "hospital characteristics" that we are listed as having three physicians; none of whom are "Board certified specialists." I have two questions; One, Is certification by the American Board of Family Practice considered certification in a specialty? Parenthetically, I strongly feel that it should be considered a specialty in as much as the American Board of Medical Specialties is the parent board of the American Board of Family Practice. Secondly, if that is so please find enclosed photocopies of board certifications for the three physicians who are on the hospital staff of the Washington County District 1 Hospital, 205 S. Hanover, Hanover, Kansas, Hospital ID number 170099.

Thank you very much.

Roger D. Warren, M.D.
Administrator

WASHINGTON CO HOSP

304 EAST 3RD ST
WASHINGTON, KS 66968

Medicare Hospital Provider Number: 170076

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	128	20	10 - 24	140	19	8 - 22
Cancer	3	100	5 - 79	1	0	0 - 98
Cerebrovascular Accidents	7	29	7 - 69	5	40	6 - 78
Gastrointestinal Catastrophes	0	-	-	2	50	1 - 93
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 99	0	-	-
Pulmonary Disease	22	41	16 - 57	24	33	11 - 49
Renal Failure	1	100	3 - 99	1	0	1 - 97
Severe Acute Heart Disease	5	80	11 - 78	7	57	13 - 76
Severe Chronic Heart Disease	3	0	2 - 80	5	60	3 - 78
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	14	0	0 - 64	25	0	0 - 24
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	12	8	0 - 88	4	0	0 -100
Musculoskeletal/Skin Conditions	6	0	0 - 95	11	0	0 - 90
Neuropsychiatric/Sensory Disease	1	0	0 -100	5	0	0 - 98
Urologic Disease	3	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	27
Occupancy Rate (%):	15
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WELLINGTON HOSP AND CLINIC

924 S WASHINGTON AVE
WELLINGTON, KS 67152

Medicare Hospital Provider Number: 170140

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	163	18	9 - 22	179	16	10 - 22
Cancer	2	50	8 - 97	2	100	10 - 94
Cerebrovascular Accidents	9	33	10 - 67	6	33	6 - 73
Gastrointestinal Catastrophes	1	100	3 - 98	3	67	4 - 86
Infectious Disease	4	75	9 - 82	5	20	11 - 79
Metabolic/Electrolyte Disorders	1	0	0 -100	1	0	0 - 98
Pulmonary Disease	12	33	10 - 61	19	32	9 - 51
Renal Failure	0	-	-	2	100	11 - 98
Severe Acute Heart Disease	8	75	20 - 76	14	43	17 - 65
Severe Chronic Heart Disease	12	17	10 - 55	13	0	12 - 40
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	17	0	0 - 70	12	8	0 - 94
Gynecologic Disease	1	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	11	9	0 - 92	16	6	0 - 77
Musculoskeletal/Skin Conditions	14	7	0 - 98	10	10	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 - 99	1	0	0 -100
Urologic Disease	6	0	0 - 99	17	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	37
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

WESLEY MEDICAL CTR

550 N HILLSIDE
WICHITA, KS 67214

Medicare Hospital Provider Number: 170123

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,833	10	9 - 12	4,335	10	9 - 13
Cancer	168	36	31 - 51	177	35	33 - 53
Cerebrovascular Accidents	134	22	19 - 35	158	25	20 - 36
Gastrointestinal Catastrophes	22	23	17 - 56	21	38	13 - 56
Infectious Disease	79	30	23 - 48	35	54	29 - 64
Metabolic/Electrolyte Disorders	62	16	11 - 37	95	25	13 - 38
Pulmonary Disease	164	24	17 - 33	153	25	17 - 34
Renal Failure	24	29	19 - 70	12	50	13 - 75
Severe Acute Heart Disease	202	33	27 - 44	172	35	28 - 45
Severe Chronic Heart Disease	177	23	17 - 31	167	23	18 - 33
Severe Trauma	17	6	11 - 47	15	47	7 - 59
Gastrointestinal Disease	228	4	1 - 8	211	2	1 - 7
Gynecologic Disease	59	0	0 - 45	62	0	0 -100
Low-Risk Heart Disease	730	3	2 - 5	558	3	2 - 6
Musculoskeletal/Skin Conditions	554	1	1 - 4	561	1	1 - 4
Neuropsychiatric/Sensory Disease	281	2	1 - 6	299	1	1 - 5
Urologic Disease	311	1	1 - 5	241	1	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	602
Occupancy Rate (%):	73
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	402
Percent of Physicians Who Are Board Certified Specialists:	65
Interns and Residents:	80
Registered Nurses:	790
Licensed Practical Nurses:	111

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

WICHITA COUNTY HOSPITAL

211 EAST EARL
LEOTI, KS 67861

Medicare Hospital Provider Number: 170174

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	37	5	5 - 23	39	10	4 - 26
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	2	50	1 - 94	3	0	6 - 79
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	3	67	4 - 86
Pulmonary Disease	8	0	6 - 49	5	20	1 - 77
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	1	100	1 - 97
Severe Chronic Heart Disease	2	0	0 - 93	1	0	0 - 98
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	3	0	0 -100	6	0	0 -100
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	4	0	0 -100	6	0	0 - 96
Musculoskeletal/Skin Conditions	0	-	-	4	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	1	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	43
Occupancy Rate (%):	67
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WILSON BOB MEM GRANT CO HOSP

415 N MAIN ST
ULYSSES, KS 67880

Medicare Hospital Provider Number: 170110

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	187	9	8 - 17	175	14	7 - 18
Cancer	3	67	6 - 87	3	100	19 - 92
Cerebrovascular Accidents	6	33	3 - 73	7	43	9 - 73
Gastrointestinal Catastrophes	1	0	0 - 98	0	-	-
Infectious Disease	2	50	7 - 95	3	67	3 - 86
Metabolic/Electrolyte Disorders	2	0	0 - 93	3	0	0 - 93
Pulmonary Disease	25	20	13 - 47	13	15	6 - 50
Renal Failure	1	0	1 - 97	3	100	4 - 82
Severe Acute Heart Disease	6	17	9 - 71	6	33	11 - 77
Severe Chronic Heart Disease	10	30	7 - 62	15	20	4 - 49
Severe Trauma	2	0	4 - 89	0	-	-
Gastrointestinal Disease	14	0	0 - 76	19	5	0 - 89
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	36	3	0 - 25	28	4	0 - 38
Musculoskeletal/Skin Conditions	13	0	0 - 89	12	0	0 -100
Neuropsychiatric/Sensory Disease	16	0	0 -100	3	0	0 -100
Urologic Disease	7	14	0 - 89	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	53
Ownership/Control:	Federal Government

STAFFING

Interns and Residents:	0
Registered Nurses:	21
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WILSON CO HOSP

205 MILL ST
NEODESHA, KS 66757

Medicare Hospital Provider Number: 170073

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	158	18	10 - 22	151	23	12 - 26
Cancer	7	71	19 - 80	4	75	20 - 94
Cerebrovascular Accidents	8	38	11 - 71	6	67	13 - 78
Gastrointestinal Catastrophes	2	100	8 - 92	3	0	3 - 80
Infectious Disease	2	0	1 - 90	6	100	15 - 65
Metabolic/Electrolyte Disorders	1	0	0 - 97	1	0	0 - 99
Pulmonary Disease	17	18	12 - 51	20	35	10 - 52
Renal Failure	0	-	-	2	50	7 - 97
Severe Acute Heart Disease	3	33	4 - 86	6	67	16 - 81
Severe Chronic Heart Disease	9	44	6 - 66	8	25	5 - 64
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 - 98	14	7	0 - 55
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	21	19	0 - 86	6	0	0 - 72
Musculoskeletal/Skin Conditions	15	7	0 - 53	12	0	0 - 79
Neuropsychiatric/Sensory Disease	3	33	0 - 99	3	0	0 -100
Urologic Disease	3	0	0 - 90	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	36
Occupancy Rate (%):	25
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	21
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	26
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ALEXIAN BROS HOSP

3933 S BROADWAY
SAINT LOUIS, MO 63118

Medicare Hospital Provider Number: 260103

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,560	11	10 - 15	1,688	11	11 - 15
Cancer	51	35	25 - 54	59	46	30 - 59
Cerebrovascular Accidents	57	21	16 - 39	52	23	17 - 41
Gastrointestinal Catastrophes	18	44	15 - 61	13	23	16 - 64
Infectious Disease	24	25	18 - 55	36	31	22 - 56
Metabolic/Electrolyte Disorders	30	20	12 - 45	58	16	10 - 37
Pulmonary Disease	101	37	19 - 40	100	30	18 - 39
Renal Failure	3	67	5 - 88	6	50	11 - 83
Severe Acute Heart Disease	41	34	28 - 58	70	46	27 - 52
Severe Chronic Heart Disease	107	13	15 - 30	101	12	16 - 31
Severe Trauma	1	100	0 - 99	3	33	2 - 87
Gastrointestinal Disease	106	1	1 - 8	95	0	1 - 6
Gynecologic Disease	6	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	196	3	1 - 7	192	2	2 - 7
Musculoskeletal/Skin Conditions	125	5	1 - 12	168	3	1 - 8
Neuropsychiatric/Sensory Disease	31	3	0 - 66	49	2	1 - 16
Urologic Disease	62	0	0 - 10	67	1	0 - 24

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	181
Occupancy Rate (%):	62
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	114
Percent of Physicians Who Are Board Certified Specialists:	65
Interns and Residents:	0
Registered Nurses:	145
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ALEXIAN BROTHERS
Hospital

October 18, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Alexian Brothers Hospital in St. Louis has reviewed the 1987 HCFA mortality data pertaining to our organization. After reviewing the reports, I would like to make the following two observations:

1. We have been able to verify that all 176 deaths listed on the documents were inpatient discharges from Alexian Brothers Hospital. We were not able to verify the expiration date of 28 of these patients since they did not expire while in our facility; the vast majority of these 28 patients were returned to nursing homes where, presumably, the patients expired.

2. Under "Hospital Characteristics" on the summary report, it is indicated that Alexian Brothers Hospital had 117 beds in 1986. This is incorrect. The facility is licensed for 203 beds 23 of which are licensed as a skilled nursing facility and the remaining 180 for acute medical-surgical and psychiatry. This piece of information should be corrected.

These were the only areas needing comment which I presume will be helpful to the reporting of information HCFA will release later this year.

Should you have any questions about these two issues, please do not hesitate to let me know.

Sincerely yours,

John S. Dubis
Executive Vice President

JSD:kan

cc: Deno Fabbre
President/Chief Executive Officer

3933 South Broadway
St. Louis, Missouri 63118
314-865-3333

ARCADIA VALLEY HOSP

HIGHWAY 21 PO BOX 220
PILOT KNOB, MO 63663

Medicare Hospital Provider Number: 260019

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	311	19	11 - 20	326	13	11 - 19
Cancer	5	100	28 - 84	6	67	19 - 84
Cerebrovascular Accidents	22	27	11 - 49	18	33	10 - 53
Gastrointestinal Catastrophes	3	67	4 - 86	4	25	4 - 80
Infectious Disease	4	0	7 - 72	5	40	14 - 85
Metabolic/Electrolyte Disorders	2	50	2 - 92	6	33	2 - 74
Pulmonary Disease	42	24	12 - 40	51	20	14 - 38
Renal Failure	4	50	10 - 88	0	-	-
Severe Acute Heart Disease	18	56	21 - 64	18	28	19 - 60
Severe Chronic Heart Disease	18	39	6 - 51	21	19	13 - 48
Severe Trauma	0	-	-	2	0	2 - 89
Gastrointestinal Disease	23	4	0 - 44	32	0	1 - 16
Gynecologic Disease	3	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	60	3	1 - 15	51	0	1 - 10
Musculoskeletal/Skin Conditions	18	0	0 - 63	24	4	0 - 66
Neuropsychiatric/Sensory Disease	4	0	0 -100	4	0	0 -100
Urologic Disease	7	0	0 - 98	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	50
Occupancy Rate (%):	80
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	11

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

AUDRAIN MED CTR

620 E MONROE
MEXICO, MO 65265

Medicare Hospital Provider Number: 260064

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,347	11	10 - 15	1,480	11	9 - 14
Cancer	39	51	33 - 66	22	32	26 - 66
Cerebrovascular Accidents	50	36	16 - 43	70	21	21 - 42
Gastrointestinal Catastrophes	12	25	11 - 62	15	13	18 - 58
Infectious Disease	9	56	15 - 74	6	0	8 - 60
Metabolic/Electrolyte Disorders	17	0	15 - 42	18	22	9 - 51
Pulmonary Disease	104	21	20 - 38	87	26	18 - 40
Renal Failure	1	100	3 - 98	8	38	10 - 77
Severe Acute Heart Disease	46	20	32 - 57	42	55	27 - 58
Severe Chronic Heart Disease	71	27	15 - 36	62	18	13 - 34
Severe Trauma	1	0	0 - 98	9	22	13 - 68
Gastrointestinal Disease	111	7	1 - 15	141	5	1 - 11
Gynecologic Disease	23	0	0 -100	18	0	0 -100
Low-Risk Heart Disease	115	3	1 - 10	157	2	2 - 7
Musculoskeletal/Skin Conditions	126	2	1 - 8	163	2	1 - 7
Neuropsychiatric/Sensory Disease	38	3	0 - 46	58	3	0 - 24
Urologic Disease	61	2	1 - 12	60	0	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 154
Occupancy Rate (%): 60
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 35
Percent of Physicians Who Are Board Certified Specialists: 54
Interns and Residents: 0
Registered Nurses: 105
Licensed Practical Nurses: 70

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

BOARD OF TRUSTEES

Ben H. McAllister
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Alice Montague, R.N.
VICE CHAIRMAN

Margery N. Gantt
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W. Wells VanWyngarden
TREASURER

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SECRETARY

AUDRAIN MEDICAL CENTER
AMC
FOUNDED 1918

620 EAST MONROE, MEXICO, MISSOURI 65265
TELEPHONE 314 581-1760

Charles P. Jansen
ADMINISTRATOR

September 27, 1988

Health Standards and Quality Review Bureau
Health Care Financing Administration
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

I am writing in response to the Medicare Hospital Mortality Information data which will be published later this year. I have no comments on the clinical statistics. However, I would like to comment on the hospital characteristics:

Beds - We have reported 256 licensed and 148 staffed beds. You have listed 70 beds.

Staffing -

Total # of Physicians: We reported 89 total number of physicians and 36 active physicians. You have 37 physicians.

These figures will undoubtedly affect the rest of the information under Staffing.

Specialty Services -

Coronary Care Unit: We have a combined surgical/coronary critical care unit.

Organ Transplant Service: We reported that this is provided by another hospital or provider.

Thank you for the attention to the correction of these details.

Yours sincerely,

Charles Jansen

Charles P. Jansen
Administrator

CPJ/rr

AURORA COMM HOSP

500 PORTER ST
AURORA, MO 65605

Medicare Hospital Provider Number: 260003

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	541	13	12 - 19	563	13	11 - 17
Cancer	14	43	21 - 71	8	38	25 - 85
Cerebrovascular Accidents	36	25	18 - 48	34	24	14 - 44
Gastrointestinal Catastrophes	3	67	10 - 91	4	75	7 - 81
Infectious Disease	9	56	8 - 68	10	40	11 - 67
Metabolic/Electrolyte Disorders	14	14	12 - 55	11	36	6 - 62
Pulmonary Disease	39	26	19 - 48	44	23	15 - 42
Renal Failure	4	50	15 - 93	4	50	10 - 88
Severe Acute Heart Disease	40	30	29 - 58	26	42	24 - 61
Severe Chronic Heart Disease	23	22	11 - 46	32	19	14 - 42
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	58	0	1 - 10	57	0	1 - 9
Gynecologic Disease	5	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	65	5	1 - 16	62	5	0 - 19
Musculoskeletal/Skin Conditions	42	2	1 - 18	50	0	1 - 11
Neuropsychiatric/Sensory Disease	17	0	0 - 67	12	0	0 -100
Urologic Disease	7	0	0 -100	15	7	0 - 90

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	51
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	43
Percent of Physicians Who Are Board Certified Specialists:	63
Interns and Residents:	0
Registered Nurses:	24
Licensed Practical Nurses:	13

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BAPTIST MED CTR

6601 ROCKHILL RD
KANSAS CITY, MO 64131

Medicare Hospital Provider Number: 260107

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,535	15	10 - 15	2,799	14	11 - 15
Cancer	101	47	29 - 53	95	42	30 - 55
Cerebrovascular Accidents	89	35	18 - 39	105	20	20 - 37
Gastrointestinal Catastrophes	15	33	13 - 61	18	56	21 - 67
Infectious Disease	47	55	21 - 52	50	46	23 - 55
Metabolic/Electrolyte Disorders	50	32	12 - 43	80	21	13 - 38
Pulmonary Disease	145	43	20 - 39	151	28	17 - 35
Renal Failure	12	33	15 - 75	13	38	15 - 75
Severe Acute Heart Disease	70	46	26 - 51	83	47	33 - 56
Severe Chronic Heart Disease	118	28	14 - 32	133	32	17 - 34
Severe Trauma	8	13	7 - 62	4	25	3 - 81
Gastrointestinal Disease	162	6	1 - 11	159	3	2 - 8
Gynecologic Disease	9	0	0 -100	16	0	0 -100
Low-Risk Heart Disease	215	3	2 - 7	203	5	2 - 9
Musculoskeletal/Skin Conditions	237	3	1 - 7	265	3	1 - 7
Neuropsychiatric/Sensory Disease	162	2	0 - 8	221	3	1 - 8
Urologic Disease	141	2	0 - 10	133	2	0 - 13

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 315
Occupancy Rate (%): 66
Ownership/Control: Church

STAFFING

Total Number of Physicians: 159
Percent of Physicians Who Are Board Certified Specialists: 77
Interns and Residents: 18
Registered Nurses: 194
Licensed Practical Nurses: 9

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

DENNIS L. McCLATCHEY
SENIOR VICE PRESIDENT -
OPERATIONS

Baptist Medical Center Medicare Identification Number 26-0107

October 20, 1988

Health Standards and Quality Bureau
HCFA
Attention: Ms. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Maryland 21207

Dear Ms. Kappert:

Baptist Medical Center appreciates the opportunity to have data made available allowing for further evaluation of the care the hospital delivers. We, likewise, appreciate the opportunity to provide explanations and summaries of the data so the reader can be better informed as to the meaning and significance of the data provided.

First, it is important to note that all mortalities are reviewed by physicians as a part of the hospital's ongoing quality assessment program. In so doing, however, the hospital uses the traditional definition of a hospital mortality; i.e., mortalities occurring within the hospital stay.

HCFA, on the other hand, credits the mortality to a hospital if a death occurs within 30 days of a hospital admission. This means that a patient could die several days after being discharged from the hospital and the cause of death could be unrelated to the hospital admission. Similarly, HCFA only counts the last hospital stay of the Medicare patient, excluding any previous stay. This method, then, overcounts mortalities - from the traditional method - and undercounts the number of Medicare patients thereby inflating the mortality percentage.

Regarding the total number of Medicare admissions for the time period recorded, Baptist Medical Center's records indicate there were 4,254 admissions not 2,535 as reported by HCFA. In addition, the number of Medicare mortalities actually occurring in the hospital was 303. This would place the hospital's true mortality rate at 7.1% rather than the 15.0% reported.

Despite these differences in methodologies, Baptist Medical Center reviewed each mortality case reported. Each medical record was carefully examined in order to determine if the mortality was an unexpected outcome from the clinical indicators and conditions documented in the record. This review produced no unexpected results. However, all findings of the review, along with HCFA's statistical report will be shared with the quality assessment committees of the medical staff and governing board as a part of the medical center's ongoing quality assessment program.

In reviewing the mortalities as supplied by HCFA, a number of indicators were discovered that are worthy of note.

First, a considerable number, 118 or 28%, of the HCFA reported mortalities occurred outside the hospital following discharge with 75% of those discharged being discharged to a nursing home or an extended care facility. This would indicate a frail population requiring daily skilled professional supervision outside the acute care hospital setting.

In addition, over half of the mortalities reported came to Baptist Medical Center from extended care facilities or nursing homes further supporting the peculiar medical needs of the population.

BAPTIST MEDICAL CENTER PHONE: (816) 276-7543

Of further note, is the fact that over one-fourth of the patients who died, died within three calendar days of their admission and over 57% of the mortalities suffered from multiple system conditions. A multiple system is defined as conditions that affect two or more major body systems (i.e., heart, lung, nervous, digestive, skeletal and circulatory). These factors indicate a high severity of illness among the patients recorded - which is a factor HCFA concedes as not included in developing the predicted mortality ranges.

Of additional interest was the use in this year's report of a Medicare Mortality Predictor System (MMPS). According to HCFA "MMP applies to patients admitted with four conditions: stroke, pneumonia, acute myocardial infarction and congestive heart failure." HCFA goes on to state that the MMP is useful "if a hospital has an unexpectantly high death rate for one of four conditions, MMPS can help in determining whether this high death rate results from patients being at unusual risk on admission."

Following review of the deaths, MMPS patients made up 30% of the total Medicare mortalities. However, it was discovered that in the categories where mortalities were above the fiftieth percentile of the range there contained an unordinarily high percentage of MMPS patients.

Of the sixteen categories reported, Baptist Medical Center fell at or below the fiftieth percentile of the mortality predicted ranges in nine, and above the fiftieth percentile in seven. Of the seven falling above the fiftieth percentile, in two categories (Infectious Disease and Pulmonary Disease) the hospital's mortality rate fell outside the range.

Upon examination of the Infectious Disease category, it was revealed that 58% of the patients who died had multisystem involvement including the following combinations: congestive heart failure, pulmonary edema, sepsis, organic brain syndrome; sepsis, bacteremia, arteriosclerotic heart disease, renal failure, organic brain syndrome; sepsis, CVA, breast cancer, renal failure, etc.

In addition, in this category, 81% of the deaths were admitted from an extended care facility, nearly one half of the deaths occurred within three days of the hospital admission and 100% of the patients discharged were readmitted to an extended care facility for further follow-up care.

Upon examination of the pulmonary category, it was revealed that 91% of the mortalities fell within the Medicare Mortality Predictor Profile (MMP). Further, 71% had multiple systems involvement including the following combinations: aspiration pneumonia, renal failure, arteriosclerotic heart disease, organic brain syndrome, concussion; aspiration, dementia, renal failure; respiratory failure, aspiration pneumonia, Alzheimer's; congestive heart failure, pneumonia, renal failure, cardiopulmonary arrest, etc.

In addition, the average age of this category was 83.5 years, 66% of the mortalities were admitted directly from extended care facilities, 26% died following discharge from the hospital. And of those discharged, 83% were readmitted to an extended care facility.

In summary, Baptist Medical Center has reviewed all cases supplied by HCFA in this report. Upon evaluation, no deaths were seen as unexpected. However, the hospital will summarize the data supplied and will share the results with the medical staff and governing board as a part of its ongoing quality assessment program. Baptist Medical Center appreciates the opportunity to comment prior to the data's public release.

Sincerely,

Dennis L. McClatchey
Senior Vice President - Operations

DLM:dj

BARNES HOSP

4949 BARNES HOSPITAL PLAZA
SAINT LOUIS, MO 63110

Medicare Hospital Provider Number: 260014

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	7,735	8	9 - 13	7,855	8	9 - 13
Cancer	389	30	32 - 49	358	24	31 - 48
Cerebrovascular Accidents	216	17	20 - 32	197	19	20 - 34
Gastrointestinal Catastrophes	31	26	20 - 55	41	27	23 - 55
Infectious Disease	62	34	25 - 53	36	47	24 - 59
Metabolic/Electrolyte Disorders	96	31	20 - 45	101	35	16 - 41
Pulmonary Disease	225	19	19 - 34	208	17	18 - 33
Renal Failure	58	21	10 - 55	59	12	8 - 54
Severe Acute Heart Disease	245	33	31 - 46	248	35	34 - 49
Severe Chronic Heart Disease	270	11	17 - 27	279	16	19 - 30
Severe Trauma	26	19	13 - 50	20	25	11 - 54
Gastrointestinal Disease	341	2	2 - 6	391	4	2 - 6
Gynecologic Disease	65	0	0 - 97	69	4	0 - 30
Low-Risk Heart Disease	846	3	3 - 6	848	4	3 - 6
Musculoskeletal/Skin Conditions	725	3	1 - 5	769	2	1 - 4
Neuropsychiatric/Sensory Disease	806	1	1 - 5	980	1	1 - 4
Urologic Disease	323	0	0 - 5	361	1	0 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	999
Occupancy Rate (%):	80
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	1,057
Percent of Physicians Who Are Board Certified Specialists:	93
Interns and Residents:	439
Registered Nurses:	1,376
Licensed Practical Nurses:	184

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	Yes
Hospice Care:	No

BARTON CO MEM HOSP

SECOND AND GULF ST
LAMAR, MO 64759

Medicare Hospital Provider Number: 260073

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	358	16	10 - 18	395	14	9 - 17
Cancer	5	80	17 - 84	4	75	14 - 87
Cerebrovascular Accidents	10	60	11 - 66	20	55	16 - 58
Gastrointestinal Catastrophes	2	50	2 - 92	2	100	6 - 90
Infectious Disease	2	0	9 - 93	1	0	1 - 97
Metabolic/Electrolyte Disorders	15	13	6 - 48	8	25	4 - 66
Pulmonary Disease	30	27	13 - 46	18	28	7 - 50
Renal Failure	5	60	12 - 86	1	100	3 - 98
Severe Acute Heart Disease	17	47	16 - 62	15	47	18 - 66
Severe Chronic Heart Disease	15	47	9 - 58	25	32	14 - 50
Severe Trauma	1	100	2 - 97	1	100	0 - 99
Gastrointestinal Disease	46	0	1 - 12	44	0	1 - 12
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	57	5	1 - 18	57	0	3 - 10
Musculoskeletal/Skin Conditions	21	0	0 - 35	33	3	1 - 21
Neuropsychiatric/Sensory Disease	8	13	0 -100	7	0	0 -100
Urologic Disease	15	0	0 -100	17	0	0 - 98

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	37
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	33
Percent of Physicians Who Are Board Certified Specialists:	58
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	18

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Barton County Memorial Hospital
Lamar, Missouri

Provider Number: 26-0073

The hospital's comments consisted primarily of annotations to the patient specific information and/or the hospital characteristics generated by the Health Care Financing Administration and provided to the hospital. We did not publish this annotated information.

BATES COUNTY MEM HOSP

615 W NURSERY ST
BUTLER, MO 64730

Medicare Hospital Provider Number: 260034

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	490	16	12 - 20	504	14	11 - 18
Cancer	10	70	22 - 76	13	54	16 - 67
Cerebrovascular Accidents	28	32	16 - 51	23	22	17 - 52
Gastrointestinal Catastrophes	2	50	0 - 95	3	0	4 - 79
Infectious Disease	4	25	7 - 81	3	0	4 - 79
Metabolic/Electrolyte Disorders	7	14	1 - 70	4	0	2 - 72
Pulmonary Disease	82	23	20 - 41	60	33	21 - 47
Renal Failure	5	60	14 - 88	5	20	12 - 83
Severe Acute Heart Disease	17	47	20 - 65	27	26	25 - 59
Severe Chronic Heart Disease	41	24	13 - 40	34	24	11 - 41
Severe Trauma	1	100	1 - 97	0	-	-
Gastrointestinal Disease	20	10	0 - 47	36	8	0 - 34
Gynecologic Disease	5	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	48	2	1 - 17	75	3	1 - 13
Musculoskeletal/Skin Conditions	51	6	1 - 20	53	0	0 - 12
Neuropsychiatric/Sensory Disease	14	0	0 - 64	13	8	0 - 99
Urologic Disease	21	0	0 - 66	22	5	0 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	32
Occupancy Rate (%):	85
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	17
Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	16

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BETHESDA GENERAL HOSP

3655 VISTA AVE
SAINT LOUIS, MO 63110

Medicare Hospital Provider Number: 260042

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	595	15	9 - 15	590	15	10 - 17
Cancer	13	23	14 - 61	7	57	13 - 76
Cerebrovascular Accidents	14	29	15 - 61	20	40	11 - 53
Gastrointestinal Catastrophes	3	100	5 - 79	4	75	9 - 83
Infectious Disease	8	75	11 - 69	13	38	13 - 64
Metabolic/Electrolyte Disorders	14	43	9 - 60	25	28	13 - 52
Pulmonary Disease	49	45	19 - 48	49	33	17 - 45
Renal Failure	3	33	8 - 90	5	60	9 - 83
Severe Acute Heart Disease	13	46	19 - 69	12	42	20 - 71
Severe Chronic Heart Disease	21	33	9 - 49	19	47	11 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	38	8	0 - 50	30	3	0 - 35
Gynecologic Disease	1	0	0 -100	5	20	0 -100
Low-Risk Heart Disease	63	2	1 - 12	50	0	1 - 10
Musculoskeletal/Skin Conditions	34	3	0 - 32	35	3	0 - 31
Neuropsychiatric/Sensory Disease	94	0	1 - 7	94	0	1 - 7
Urologic Disease	19	5	0 -100	22	5	0 - 70

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	122
Occupancy Rate (%):	35
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	161
Percent of Physicians Who Are Board Certified Specialists:	60
Interns and Residents:	0
Registered Nurses:	49
Licensed Practical Nurses:	18

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	Yes
Hospice Care:	No

BONNE TERRE HOSP

10 LAKE DRIVE
BONNE TERRE, MO 63628

Medicare Hospital Provider Number: 260092

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	408	20	10 - 19	413	17	10 - 18
Cancer	7	86	21 - 76	12	83	29 - 74
Cerebrovascular Accidents	22	45	13 - 53	14	21	12 - 56
Gastrointestinal Catastrophes	1	100	1 - 97	6	83	17 - 78
Infectious Disease	1	100	2 - 98	5	80	12 - 79
Metabolic/Electrolyte Disorders	2	100	7 - 91	5	0	3 - 65
Pulmonary Disease	34	9	14 - 37	35	31	12 - 44
Renal Failure	1	100	2 -100	7	71	18 - 85
Severe Acute Heart Disease	21	52	20 - 61	17	65	22 - 66
Severe Chronic Heart Disease	48	42	14 - 42	26	31	10 - 46
Severe Trauma	0	-	-	1	0	2 - 97
Gastrointestinal Disease	27	4	0 - 57	31	0	0 - 24
Gynecologic Disease	6	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	67	4	1 - 16	71	3	1 - 13
Musculoskeletal/Skin Conditions	27	4	0 - 34	26	8	0 - 66
Neuropsychiatric/Sensory Disease	8	0	0 - 70	14	7	0 -100
Urologic Disease	18	0	0 -100	20	0	0 - 59

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	56
Occupancy Rate (%):	45
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	63
Interns and Residents:	0
Registered Nurses:	23
Licensed Practical Nurses:	32

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BOONE HOSP CTR

1600 E BROADWAY
COLUMBIA, MO 65201

Medicare Hospital Provider Number: 260068

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,532	11	11 - 15	2,426	10	10 - 14
Cancer	105	32	32 - 55	69	48	34 - 61
Cerebrovascular Accidents	77	18	17 - 37	94	20	20 - 38
Gastrointestinal Catastrophes	24	54	21 - 62	12	50	10 - 65
Infectious Disease	35	49	25 - 61	15	47	18 - 67
Metabolic/Electrolyte Disorders	25	32	11 - 51	10	30	4 - 62
Pulmonary Disease	95	32	19 - 40	80	20	18 - 39
Renal Failure	21	43	18 - 72	20	45	20 - 75
Severe Acute Heart Disease	159	20	27 - 43	124	31	30 - 48
Severe Chronic Heart Disease	92	28	15 - 35	94	22	16 - 35
Severe Trauma	7	29	9 - 72	7	29	3 - 70
Gastrointestinal Disease	148	2	1 - 8	150	2	2 - 8
Gynecologic Disease	33	0	0 -100	34	0	0 -100
Low-Risk Heart Disease	543	2	2 - 6	485	2	2 - 6
Musculoskeletal/Skin Conditions	135	3	1 - 9	165	2	1 - 7
Neuropsychiatric/Sensory Disease	90	1	0 - 10	108	2	0 - 12
Urologic Disease	86	1	0 - 13	100	1	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	312
Occupancy Rate (%):	62
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	175
Percent of Physicians Who Are Board Certified Specialists:	73
Interns and Residents:	0
Registered Nurses:	266
Licensed Practical Nurses:	28

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Boone Hospital Center
1600 E. Broadway • Columbia, Missouri 65201 • Phone 314-875-4545

Hospital ID: 260068

October 18, 1988

Health Standards & Quality Bureau, HCFA
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

ATTENTION: Sandra Kappert

We have reviewed the Medicare hospital mortality information and hospital characteristics which you recently forwarded to our attention. We do not find it necessary to comment on the mortality information. However, the hospital characteristics, as stated, are cause for some concern. We understand that the final publication will contain hospital characteristics drawn from the 1987 AHA files. Therefore, our comments will relate to the data submitted in the American Hospital Association's 1987 annual survey of hospitals.

Since definitions were not provided for the categories as listed, in some cases we will supply definitions as a means of clarification. We have attempted to follow your format as closely as possible.

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Beds (#): (Inpatient Adult & Pediatric)	324
Inpatient Days: (Adult & Pediatric)	68,617
Organization Control:	County

STAFFING:

Total Number of Physicians:	175
Percent of Physicians who are Board Certified Specialists:	73
Interns and Residents Per Bed:	0.00
Registered Nurses Per Bed:	1.03
Licensed Practical Nurses Per Bed:	.11

Continued

SPECIALTY SERVICES:

Trauma Center:	Yes
Medical/Surgical Intensive Care: (Includes coronary care)	Yes
Organ Transplant Service:	No
Hospice Care:	No

We appreciate the opportunity to review our Medicare mortality information and hospital characteristics and to submit pertinent comments. It is hoped that our clarification may be of some benefit.

Sincerely,

John O'Shaughnessy

John O'Shaughnessy
President
GC/kp

BOTHWELL REGIONAL HEALTH CENTER

644 E 13TH ST
SEDALIA, MO 65301

Medicare Hospital Provider Number: 260009

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,044	11	10 - 14	2,087	13	10 - 14
Cancer	69	51	30 - 57	62	47	30 - 58
Cerebrovascular Accidents	73	22	19 - 39	89	31	17 - 38
Gastrointestinal Catastrophes	11	45	10 - 66	14	36	6 - 58
Infectious Disease	20	25	17 - 57	12	33	12 - 64
Metabolic/Electrolyte Disorders	19	21	8 - 49	23	9	7 - 39
Pulmonary Disease	180	21	17 - 33	182	25	17 - 33
Renal Failure	8	50	11 - 78	11	55	15 - 77
Severe Acute Heart Disease	67	33	27 - 51	85	49	27 - 50
Severe Chronic Heart Disease	99	21	14 - 32	100	13	16 - 32
Severe Trauma	2	50	3 - 92	5	20	2 - 76
Gastrointestinal Disease	148	3	1 - 9	146	3	1 - 9
Gynecologic Disease	30	0	0 -100	20	0	0 -100
Low-Risk Heart Disease	202	3	2 - 8	211	6	1 - 9
Musculoskeletal/Skin Conditions	187	2	1 - 7	175	2	1 - 7
Neuropsychiatric/Sensory Disease	90	4	0 - 20	65	5	0 - 23
Urologic Disease	74	1	0 - 14	97	2	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	185
Occupancy Rate (%):	62
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	52
Percent of Physicians Who Are Board Certified Specialists:	65
Interns and Residents:	0
Registered Nurses:	124
Licensed Practical Nurses:	96

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BREECH MED CTR

305 HARWOOD
LEBANON, MO 65536

Medicare Hospital Provider Number: 260059

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	562	15	9 - 16	616	12	10 - 16
Cancer	11	82	19 - 67	14	57	23 - 72
Cerebrovascular Accidents	20	35	13 - 54	29	28	15 - 48
Gastrointestinal Catastrophes	0	-	-	2	0	1 - 92
Infectious Disease	2	50	1 - 92	4	75	5 - 80
Metabolic/Electrolyte Disorders	17	29	7 - 53	6	0	4 - 59
Pulmonary Disease	54	24	15 - 40	72	17	15 - 36
Renal Failure	1	100	3 - 98	4	50	4 - 84
Severe Acute Heart Disease	10	50	13 - 69	18	61	20 - 64
Severe Chronic Heart Disease	44	48	12 - 42	40	17	11 - 37
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	42	5	0 - 32	58	2	0 - 16
Gynecologic Disease	5	0	0 -100	11	0	0 -100
Low-Risk Heart Disease	89	6	1 - 14	88	5	1 - 13
Musculoskeletal/Skin Conditions	43	0	0 - 14	37	5	0 - 37
Neuropsychiatric/Sensory Disease	12	0	0 -100	12	0	0 -100
Urologic Disease	19	0	0 - 99	18	6	0 - 52

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	53
Occupancy Rate (%):	47
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	0
Registered Nurses:	23
Licensed Practical Nurses:	17

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CALLAWAY MEMORIAL HOSP

10 SOUTH HOSPITAL DRIVE
FULTON, MO 65251

Medicare Hospital Provider Number: 260131

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	351	15	11 - 19	302	18	11 - 21
Cancer	8	25	17 - 74	4	75	9 - 82
Cerebrovascular Accidents	29	28	12 - 45	19	42	13 - 56
Gastrointestinal Catastrophes	3	33	2 - 87	2	50	4 - 93
Infectious Disease	2	50	3 - 92	7	29	8 - 71
Metabolic/Electrolyte Disorders	3	0	0 - 93	5	20	1 - 81
Pulmonary Disease	41	27	15 - 44	40	35	12 - 44
Renal Failure	2	50	3 - 93	3	67	13 - 97
Severe Acute Heart Disease	21	29	21 - 60	23	52	24 - 63
Severe Chronic Heart Disease	27	15	13 - 42	16	13	9 - 46
Severe Trauma	1	100	2 - 97	0	-	-
Gastrointestinal Disease	22	5	0 - 45	21	0	0 - 32
Gynecologic Disease	9	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	31	0	0 - 25	30	0	0 - 20
Musculoskeletal/Skin Conditions	33	9	0 - 64	24	0	0 - 54
Neuropsychiatric/Sensory Disease	11	0	0 - 93	9	0	0 -100
Urologic Disease	9	0	0 - 77	8	0	0 - 93

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	53
Ownership/Control:	Local Government

STAFFING

Interns and Residents:	0
Registered Nurses:	22
Licensed Practical Nurses:	11

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CAMERON COMM HOSP

1015 W 4TH ST
CAMERON, MO 64429

Medicare Hospital Provider Number: 260057

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	375	20	9 - 18	412	19	9 - 18
Cancer	6	50	12 - 79	9	67	19 - 76
Cerebrovascular Accidents	23	39	13 - 52	8	63	5 - 67
Gastrointestinal Catastrophes	0	-	-	1	100	3 - 98
Infectious Disease	2	100	5 - 89	4	25	12 - 85
Metabolic/Electrolyte Disorders	14	21	8 - 55	13	15	10 - 54
Pulmonary Disease	34	47	16 - 50	27	44	15 - 53
Renal Failure	4	25	10 - 86	3	100	14 - 90
Severe Acute Heart Disease	8	88	15 - 67	19	53	20 - 63
Severe Chronic Heart Disease	17	35	9 - 54	14	43	8 - 58
Severe Trauma	0	-	-	1	0	0 - 97
Gastrointestinal Disease	26	8	0 - 56	36	3	0 - 44
Gynecologic Disease	4	25	0 -100	3	0	0 -100
Low-Risk Heart Disease	40	5	1 - 24	51	6	0 - 25
Musculoskeletal/Skin Conditions	48	4	0 - 36	33	0	0 - 25
Neuropsychiatric/Sensory Disease	11	18	0 - 94	12	0	0 - 68
Urologic Disease	22	9	0 - 89	17	0	0 - 40

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	28
Occupancy Rate (%):	57
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	52
Percent of Physicians Who Are Board Certified Specialists:	71
Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CARROLL COUNTY MEM HOSP

1502 N JEFFERSON
CARROLLTON, MO 64633

Medicare Hospital Provider Number: 260067

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	271	14	11 - 20	184	18	12 - 24
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	17	29	13 - 56	15	33	14 - 60
Gastrointestinal Catastrophes	4	0	9 - 73	0	-	-
Infectious Disease	3	33	12 - 93	4	50	8 - 85
Metabolic/Electrolyte Disorders	3	0	2 - 81	8	25	4 - 66
Pulmonary Disease	43	30	17 - 46	18	22	12 - 52
Renal Failure	1	100	3 - 99	0	-	-
Severe Acute Heart Disease	6	50	11 - 78	9	56	18 - 75
Severe Chronic Heart Disease	18	17	9 - 46	16	44	13 - 59
Severe Trauma	0	-	-	1	100	3 - 98
Gastrointestinal Disease	25	4	1 - 30	8	0	1 - 55
Gynecologic Disease	3	0	0 -100	0	-	-
Low-Risk Heart Disease	62	6	1 - 19	33	6	0 - 39
Musculoskeletal/Skin Conditions	11	0	0 - 95	16	13	0 - 96
Neuropsychiatric/Sensory Disease	4	0	0 - 98	2	0	0 -100
Urologic Disease	3	0	0 -100	4	25	1 - 86

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	40
Occupancy Rate (%):	22
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	29
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CASS MED CTR

1800 E MECHANIC
HARRISONVILLE, MO 64701

Medicare Hospital Provider Number: 260036

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	426	12	10 - 17	376	14	10 - 18
Cancer	7	57	11 - 75	6	67	10 - 76
Cerebrovascular Accidents	25	32	14 - 51	26	42	16 - 53
Gastrointestinal Catastrophes	1	0	0 - 97	0	-	-
Infectious Disease	5	40	10 - 81	2	0	8 - 92
Metabolic/Electrolyte Disorders	8	25	4 - 66	7	14	2 - 67
Pulmonary Disease	38	16	16 - 42	44	16	15 - 39
Renal Failure	0	-	-	6	83	22 - 90
Severe Acute Heart Disease	16	50	19 - 65	11	64	19 - 71
Severe Chronic Heart Disease	29	3	14 - 33	17	0	13 - 35
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	35	0	0 - 18	32	0	0 - 22
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	50	2	1 - 16	47	0	1 - 11
Musculoskeletal/Skin Conditions	49	4	0 - 26	34	3	0 - 49
Neuropsychiatric/Sensory Disease	10	0	0 - 81	10	10	0 -100
Urologic Disease	17	0	0 - 99	17	6	0 - 86

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	50
Occupancy Rate (%):	42
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	16
Percent of Physicians Who Are Board Certified Specialists:	81
Interns and Residents:	0
Registered Nurses:	38
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CEDAR CO MEM HOSP

1401 S PARK
EL DORADO SPRINGS, MO 64744

Medicare Hospital Provider Number: 260035

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	286	18	11 - 20	286	14	11 - 20
Cancer	9	67	24 - 81	6	67	25 - 91
Cerebrovascular Accidents	17	35	11 - 56	18	22	16 - 55
Gastrointestinal Catastrophes	1	100	2 - 97	1	0	0 - 99
Infectious Disease	3	33	5 - 86	2	50	1 - 92
Metabolic/Electrolyte Disorders	4	25	4 - 80	2	0	1 - 91
Pulmonary Disease	26	23	14 - 48	35	31	17 - 49
Renal Failure	4	50	5 - 84	0	-	-
Severe Acute Heart Disease	10	40	14 - 70	8	50	12 - 73
Severe Chronic Heart Disease	22	36	10 - 50	25	16	11 - 42
Severe Trauma	1	0	0 - 99	0	-	-
Gastrointestinal Disease	25	0	0 - 40	25	4	0 - 55
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	25	4	1 - 29	29	3	0 - 35
Musculoskeletal/Skin Conditions	24	21	0 - 87	22	5	1 - 34
Neuropsychiatric/Sensory Disease	6	17	0 -100	7	0	0 - 67
Urologic Disease	14	0	0 - 75	10	10	0 - 98

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	34
Occupancy Rate (%):	44
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	14
Percent of Physicians Who Are Board Certified Specialists:	36
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CENTRAL MED CTR INC

4411 NORTH NEWSTEAD
SAINT LOUIS, MO 63115

Medicare Hospital Provider Number: 260051

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	592	12	8 - 15	601	12	8 - 14
Cancer	16	56	23 - 70	6	0	11 - 61
Cerebrovascular Accidents	22	27	11 - 49	22	27	12 - 50
Gastrointestinal Catastrophes	6	67	9 - 76	2	50	5 - 94
Infectious Disease	2	50	4 - 93	5	40	5 - 78
Metabolic/Electrolyte Disorders	17	29	11 - 56	14	21	11 - 57
Pulmonary Disease	22	18	11 - 46	38	24	12 - 41
Renal Failure	6	67	10 - 80	7	14	15 - 78
Severe Acute Heart Disease	13	38	15 - 65	18	28	19 - 60
Severe Chronic Heart Disease	58	19	14 - 35	59	20	10 - 32
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	45	2	0 - 29	46	2	0 - 24
Gynecologic Disease	1	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	91	5	1 - 15	103	1	1 - 7
Musculoskeletal/Skin Conditions	39	0	0 - 21	31	0	0 - 69
Neuropsychiatric/Sensory Disease	26	12	0 - 92	37	0	0 - 41
Urologic Disease	16	0	0 -100	22	0	0 - 56

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	168
Occupancy Rate (%):	45
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	80
Percent of Physicians Who Are Board Certified Specialists:	42
Interns and Residents:	0
Registered Nurses:	54
Licensed Practical Nurses:	23

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CHAFFEE GENERAL HOSP

537 W YOAKUM AVE
CHAFFEE, MO 63740

Medicare Hospital Provider Number: 260165

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	107	13	5 - 19	140	16	7 - 20
Cancer	0	-	-	4	75	11 - 84
Cerebrovascular Accidents	2	50	1 - 94	5	40	5 - 77
Gastrointestinal Catastrophes	1	0	2 - 97	1	0	0 - 99
Infectious Disease	1	0	1 - 97	1	0	0 - 99
Metabolic/Electrolyte Disorders	2	0	0 - 94	2	50	0 - 95
Pulmonary Disease	18	17	9 - 47	19	11	8 - 41
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	100	1 - 97	8	88	18 - 69
Severe Chronic Heart Disease	2	50	0 - 98	9	33	5 - 64
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	8	0	0 -100	10	0	0 - 91
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	13	0	0 - 64	12	8	0 - 91
Musculoskeletal/Skin Conditions	14	0	0 - 84	14	0	0 - 98
Neuropsychiatric/Sensory Disease	3	33	1 - 90	1	0	0 -100
Urologic Disease	3	0	0 -100	9	0	0 - 65

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	42
Occupancy Rate (%):	19
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	15
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CHRISTIAN HOSP NW

1225 GRAHAN ROAD
FLORISSANT, MO 63031

Medicare Hospital Provider Number: 260159

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	489	14	9 - 16	513	14	8 - 15
Cancer	3	0	8 - 81	4	0	9 - 73
Cerebrovascular Accidents	4	25	5 - 80	4	50	2 - 83
Gastrointestinal Catastrophes	0	-	-	1	100	1 - 97
Infectious Disease	6	17	6 - 69	9	44	16 - 75
Metabolic/Electrolyte Disorders	7	0	3 - 55	6	17	5 - 69
Pulmonary Disease	40	38	15 - 47	27	33	13 - 49
Renal Failure	1	0	3 - 98	1	100	1 - 97
Severe Acute Heart Disease	55	42	23 - 51	42	45	24 - 55
Severe Chronic Heart Disease	28	21	8 - 40	25	20	10 - 43
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	13	0	0 - 94	10	0	1 - 51
Gynecologic Disease	46	2	0 -100	32	0	0 - 97
Low-Risk Heart Disease	51	2	1 - 16	42	7	1 - 24
Musculoskeletal/Skin Conditions	10	0	0 - 78	10	0	0 -100
Neuropsychiatric/Sensory Disease	59	0	0 - 13	100	1	0 - 9
Urologic Disease	3	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	253
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	165
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

CHRISTIAN HOSP-NE

11133 DUNN ROAD
SAINT LOUIS, MO 63136

Medicare Hospital Provider Number: 260180

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,476	14	12 - 15	4,491	13	11 - 15
Cancer	163	39	33 - 53	148	36	32 - 53
Cerebrovascular Accidents	192	26	19 - 34	228	18	21 - 34
Gastrointestinal Catastrophes	37	32	19 - 53	30	27	18 - 54
Infectious Disease	73	33	25 - 52	69	28	26 - 53
Metabolic/Electrolyte Disorders	95	35	18 - 44	72	21	15 - 40
Pulmonary Disease	225	29	20 - 36	238	28	20 - 35
Renal Failure	35	31	21 - 70	21	33	19 - 73
Severe Acute Heart Disease	197	37	30 - 46	203	42	31 - 47
Severe Chronic Heart Disease	216	29	16 - 30	215	24	18 - 32
Severe Trauma	13	38	9 - 62	14	36	11 - 62
Gastrointestinal Disease	261	4	1 - 8	309	5	2 - 8
Gynecologic Disease	12	0	0 -100	20	0	0 -100
Low-Risk Heart Disease	592	4	2 - 6	653	4	2 - 6
Musculoskeletal/Skin Conditions	404	4	1 - 6	360	3	1 - 6
Neuropsychiatric/Sensory Disease	115	5	1 - 13	119	8	1 - 14
Urologic Disease	180	2	1 - 7	187	2	1 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	459
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	399
Licensed Practical Nurses:	13

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

CITIZENS MEMORIAL HOSP

1500 N OAKLAND-PO BOX 67
BOLIVAR, MO 65613

Medicare Hospital Provider Number: 260195

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	673	14	10 - 16	667	13	10 - 16
Cancer	13	62	16 - 66	5	60	7 - 78
Cerebrovascular Accidents	33	21	15 - 44	30	20	17 - 47
Gastrointestinal Catastrophes	1	0	3 - 98	2	0	4 - 89
Infectious Disease	7	29	11 - 73	9	56	9 - 68
Metabolic/Electrolyte Disorders	15	33	9 - 58	12	33	9 - 62
Pulmonary Disease	54	22	17 - 41	42	24	12 - 40
Renal Failure	8	50	11 - 78	10	20	15 - 75
Severe Acute Heart Disease	19	68	23 - 64	28	54	27 - 64
Severe Chronic Heart Disease	44	16	10 - 34	41	15	15 - 38
Severe Trauma	1	0	1 - 97	2	50	3 - 92
Gastrointestinal Disease	80	7	0 - 20	88	0	2 - 7
Gynecologic Disease	6	0	0 -100	11	9	0 - 96
Low-Risk Heart Disease	86	3	1 - 12	92	4	1 - 14
Musculoskeletal/Skin Conditions	64	3	1 - 15	45	0	1 - 12
Neuropsychiatric/Sensory Disease	8	13	0 -100	11	0	0 - 99
Urologic Disease	10	0	0 -100	12	0	0 - 95

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	50
Occupancy Rate (%):	64
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	20
Percent of Physicians Who Are Board Certified Specialists:	25
Interns and Residents:	0
Registered Nurses:	47
Licensed Practical Nurses:	19

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	Yes

COLUMBIA REG HOSP

404 KEENE ST
COLUMBIA, MO 65201

Medicare Hospital Provider Number: 260178

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,766	7	8 - 12	1,946	6	7 - 12
Cancer	63	35	30 - 57	77	29	27 - 52
Cerebrovascular Accidents	54	20	17 - 40	67	13	21 - 40
Gastrointestinal Catastrophes	20	40	20 - 63	5	40	6 - 78
Infectious Disease	15	33	17 - 64	18	33	18 - 62
Metabolic/Electrolyte Disorders	39	31	24 - 57	38	16	17 - 46
Pulmonary Disease	64	20	17 - 40	68	29	20 - 44
Renal Failure	4	50	8 - 86	5	80	19 - 90
Severe Acute Heart Disease	19	42	21 - 64	25	24	26 - 60
Severe Chronic Heart Disease	32	19	10 - 38	36	19	11 - 39
Severe Trauma	0	-	-	3	33	1 - 88
Gastrointestinal Disease	95	2	1 - 10	94	0	0 - 7
Gynecologic Disease	28	0	0 -100	27	0	0 -100
Low-Risk Heart Disease	100	1	1 - 8	161	1	2 - 6
Musculoskeletal/Skin Conditions	472	1	1 - 4	466	1	1 - 4
Neuropsychiatric/Sensory Disease	179	0	1 - 5	234	0	1 - 4
Urologic Disease	72	0	0 - 14	89	0	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	286
Occupancy Rate (%):	57
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	137
Percent of Physicians Who Are Board Certified Specialists:	87
Interns and Residents:	0
Registered Nurses:	166
Licensed Practical Nurses:	17

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

AMI Columbia Regional Hospital

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Hospital ID: 260178
RE: Medicare Hospital Mortality Information - 1987

We want to thank HCFA for distributing the 1987 Hospital Mortality Data in a timeframe which allowed us to make a response. We found only one error in the data: a slight discrepancy between the report and our records regarding the number of deaths in the sample period.

While we approve of HCHFA's desire to provide the public with tangible quality information for hospitals, we do not believe that this program (mortality data distribution) meets that need, and we are certain that this information should not be used to make an evaluaution of "quality" in a hospital. Like most hospitals in this country, ours has an internal quality assurance program which is highly sophisticated and has been reviewed and approved by the JCAHO. We also have external quality review mechanisms which track traditional patient satisfactions. Finally, we have the Missouri Patient Care Review Foundation (our PRO) which has a comprehensive quality review program of its own, distinguished by its level of detail (including patient chart review), and demonstrated concern for the welfare of our Medicare patients.

So many factors affect a patient's care: the facility and its staff, the physicians on the case, even the influence of insurers as managed care expands into areas traditionally managed by providers. To even imply that a single statistic, such as mortality rates, is useful to the consumer is unenlightened government at its worst, and we must advise everyone in the consuming public to be wary of placing any value on this data.

Respectfully,

Ed Clawson

Edward Clawson
Interim CEO

mrf

COOPER CO MEM HOSP

HIGHWAY B PO BX 88
BOONVILLE, MO 65233

Medicare Hospital Provider Number: 260004

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	302	14	10 - 18	359	16	9 - 18
Cancer	3	33	4 - 86	2	50	4 - 92
Cerebrovascular Accidents	11	9	11 - 53	17	29	14 - 56
Gastrointestinal Catastrophes	4	50	7 - 83	2	50	1 - 92
Infectious Disease	0	-	-	1	100	2 -100
Metabolic/Electrolyte Disorders	1	0	1 - 97	12	33	7 - 61
Pulmonary Disease	33	33	16 - 49	23	39	10 - 51
Renal Failure	3	100	15 - 90	1	100	2 -100
Severe Acute Heart Disease	13	62	21 - 71	22	36	24 - 63
Severe Chronic Heart Disease	19	16	8 - 44	14	7	7 - 42
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	24	0	0 - 30	18	0	0 - 63
Gynecologic Disease	7	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	28	0	0 - 22	55	5	1 - 20
Musculoskeletal/Skin Conditions	25	4	0 - 59	37	8	0 - 84
Neuropsychiatric/Sensory Disease	5	0	0 -100	3	0	0 - 97
Urologic Disease	18	6	0 -100	15	0	0 - 56

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	70
Ownership/Control:	Local Government

STAFFING

Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HUGH ARANT
ADMINISTRATOR

BOARD MEMBERS

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Cooper County Memorial Hospital
R. R. =1 P. O. BOX 88 BOONVILLE, MISSOURI 65233 PH 816 882-7461

Oct. 13th, 1988

P.N. 260004

Health Care Financing Administration
Health Standards & Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, MD 21207

Dear Ms. Kappert:

A review of mortality data as published by HCFA for the year of 1987 has been conducted by the Utilization Review Committee of Cooper County Memorial Hospital. The following comments concerning the data is being offered as follows:

1. Mortality rates calculated by HCFA use only the patient's last admission. Thus, if the patient was admitted more than once during the counting period, only one admission is counted in the total. This method causes total admission count to be less, with any deaths being reflected as a higher percentage.

2. Cooper County Memorial Hospital has no way of confirming or denying deaths outside of the hospital. Consequently, the cause of deaths occurring outside the hospital is unknown.

3. Mortality rates established by HCFA's model of comparison, defines a "standard patient" as a 75 year old female, having no complications and who has not previously been admitted to the hospital. Review of patients' charts at Cooper County Memorial Hospital reveal that the "standard patient" is a 80.8 year old female, with complications and with previous admissions.

4. Review of the mortality deaths, reveal that 15% of the deaths actually occurred, not in Cooper County Memorial Hospital, but in other hospitals that patients were transferred to from Cooper County Memorial Hospital.

5. The chart of each patient, who expired, was reviewed for quality of care. This review revealed that that care was not responsible for any of the deaths, but rather that the deaths were expected.

In summary, we thank HCFA for the opportunity of being able to submit comments concerning this data. It is that quality judgements can only be made after reviewing the information contained in the patient's record.

Sincerely,

Wilbert E. Meyer,
Administrator

WEM/lps

COX MEDICAL CTR

1432 N JEFFERSON ST
SPRINGFIELD, MO 65802

Medicare Hospital Provider Number: 260040

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,995	9	9 - 13	5,144	10	10 - 14
Cancer	163	25	30 - 49	217	33	31 - 50
Cerebrovascular Accidents	181	22	20 - 34	188	27	20 - 35
Gastrointestinal Catastrophes	30	53	21 - 60	30	33	18 - 55
Infectious Disease	53	25	22 - 50	62	39	25 - 54
Metabolic/Electrolyte Disorders	60	18	16 - 42	67	27	14 - 41
Pulmonary Disease	191	20	18 - 33	196	24	19 - 35
Renal Failure	17	29	20 - 75	22	27	18 - 71
Severe Acute Heart Disease	225	34	31 - 46	226	41	31 - 47
Severe Chronic Heart Disease	193	22	17 - 31	226	20	18 - 31
Severe Trauma	6	33	3 - 74	7	29	10 - 73
Gastrointestinal Disease	328	2	1 - 6	363	3	1 - 6
Gynecologic Disease	47	0	0 -100	47	0	0 - 99
Low-Risk Heart Disease	793	3	2 - 5	709	3	2 - 5
Musculoskeletal/Skin Conditions	506	3	1 - 5	467	3	1 - 5
Neuropsychiatric/Sensory Disease	250	2	1 - 7	263	1	1 - 5
Urologic Disease	188	2	1 - 7	181	3	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	789
Occupancy Rate (%):	54
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	293
Percent of Physicians Who Are Board Certified Specialists:	71
Interns and Residents:	0
Registered Nurses:	502
Licensed Practical Nurses:	69

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

LESTER E.
COX MEDICAL CENTERS

1423 North Jefferson Avenue
Springfield, Missouri 65802
417/836-3000

3801 South National Avenue
Springfield, Missouri 65807
417/885-6000

October 18, 1988

Health Standards & Quality Bureau, HCFA
ATTN: Mrs. Sandra Kappert
2-D-2 Meadows East Bldg.
6325 Security Blvd.
Baltimore, MD 21207

Dear Mrs. Kappert:

After reviewing the hospital specific mortality data sent to us on September 15, 1988, we would like to assure the 1987 AHA files reflect the following information :

	REPORTED	ACTUAL
BEDS	508	796
% of PHYSICIANS WHO ARE BOARD CERTIFIED SPECIALISTS	67%	82%

Thank you for the opportunity to respond in this manner.

Cordially,

Charles M. Edwards

Charles M. Edwards
Executive Administrator

CME/pc

A Not-For-Profit Hospital

DADE CO MEM HOSP

1005 S MAIN ST
LOCKWOOD, MO 65682

Medicare Hospital Provider Number: 260049

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	133	9	9 - 20	150	18	8 - 22
Cancer	2	50	7 - 96	2	100	10 - 94
Cerebrovascular Accidents	5	0	10 - 66	7	43	5 - 71
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 98
Infectious Disease	1	100	0 - 98	3	33	5 - 87
Metabolic/Electrolyte Disorders	3	33	3 - 86	1	0	0 -100
Pulmonary Disease	21	24	13 - 51	17	47	11 - 57
Renal Failure	0	-	-	2	100	11 - 96
Severe Acute Heart Disease	5	20	10 - 77	3	67	7 - 88
Severe Chronic Heart Disease	6	17	2 - 71	9	33	5 - 64
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	7	0	0 - 81	12	0	0 - 62
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	18	6	0 - 86	19	5	0 - 47
Musculoskeletal/Skin Conditions	11	9	0 - 99	13	0	0 - 64
Neuropsychiatric/Sensory Disease	8	0	0 - 94	14	0	0 - 71
Urologic Disease	3	0	0 - 99	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	21
Occupancy Rate (%):	52
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DEACONESS HOSP

6150 OAKLAND AVE
SAINT LOUIS, MO 63139

Medicare Hospital Provider Number: 260021

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,237	14	12 - 16	4,487	14	11 - 15
Cancer	159	48	31 - 52	192	47	34 - 53
Cerebrovascular Accidents	175	26	19 - 34	212	28	21 - 35
Gastrointestinal Catastrophes	38	26	17 - 50	29	38	21 - 59
Infectious Disease	108	42	25 - 49	71	38	20 - 48
Metabolic/Electrolyte Disorders	88	25	13 - 39	109	21	11 - 35
Pulmonary Disease	316	34	22 - 37	230	32	20 - 36
Renal Failure	39	28	17 - 65	38	39	19 - 69
Severe Acute Heart Disease	142	33	29 - 47	178	42	33 - 51
Severe Chronic Heart Disease	253	24	17 - 30	268	25	17 - 30
Severe Trauma	11	18	10 - 61	6	33	8 - 76
Gastrointestinal Disease	315	4	1 - 7	310	3	1 - 6
Gynecologic Disease	40	0	0 -100	37	3	0 - 93
Low-Risk Heart Disease	436	3	2 - 6	429	4	2 - 6
Musculoskeletal/Skin Conditions	275	3	1 - 6	402	3	1 - 6
Neuropsychiatric/Sensory Disease	144	1	1 - 8	193	4	0 - 9
Urologic Disease	185	2	0 - 7	177	1	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	527
Occupancy Rate (%):	63
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	278
Percent of Physicians Who Are Board Certified Specialists:	82
Interns and Residents:	56
Registered Nurses:	350
Licensed Practical Nurses:	164

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

DEACONESS
HOSPITAL

6150 Oakland Avenue
St. Louis, Missouri 63139-3297

(314) 768-3000

HOSPITAL ID: 260021

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Deaconess Hospital is concerned that the release of mortality information by HCFA will be interpreted by many persons as a strong indicator of the quality of care at individual hospitals. Due to drawbacks with this listing, such as the lack of measures which take into account the severity of illness, this information cannot validly be used for this purpose.

The issue is extremely complex, and the likelihood of misinterpretation or at least overinterpretation is quite great. This is especially true since there were different methodologies used in each of the last two years which produced different results for individual hospitals.

These basic concerns, plus the factual errors in the report that was sent to us for examination, leads Deaconess to doubt that the reports will actually accomplish the goals that HCFA desires.

The factual information for Deaconess Hospital is that we have 607 physicians on the medical staff, not the 249 that you reported. You failed to take into account the 358 physicians who have courtesy privileges here. The hospital has 527 beds, not 347 which were only those on the medical/surgical units. The hospital does no organ transplants at this time. We have enclosed copies of your report and the medical staff listing and bed utilization from Deaconess' 1986 annual licensing survey for the Missouri Department of Health, Missouri Hospital Association and the American Hospital Association so you can verify these figures.

Thank you for your consideration.

Sincerely,

R. Ellerbrake

Richard P. Ellerbrake
President

erving The Deaconess Family of Health and Human Services

DEPAUL COMM HLTH CTR

12303 DEPAUL DRIVE
BRIDGETON, MO 63044

Medicare Hospital Provider Number: 260104

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,067	10	8 - 12	2,817	10	8 - 13
Cancer	102	40	28 - 51	92	42	31 - 56
Cerebrovascular Accidents	108	24	16 - 34	88	15	17 - 35
Gastrointestinal Catastrophes	16	50	13 - 62	20	35	17 - 61
Infectious Disease	23	30	20 - 59	14	57	18 - 68
Metabolic/Electrolyte Disorders	45	24	10 - 41	42	10	11 - 37
Pulmonary Disease	107	23	18 - 37	117	23	16 - 34
Renal Failure	5	0	9 - 72	6	50	14 - 85
Severe Acute Heart Disease	128	37	27 - 46	91	33	29 - 50
Severe Chronic Heart Disease	113	19	14 - 30	120	22	14 - 31
Severe Trauma	2	0	1 - 90	9	33	6 - 66
Gastrointestinal Disease	215	2	1 - 7	213	2	1 - 7
Gynecologic Disease	19	0	0 -100	19	0	0 -100
Low-Risk Heart Disease	416	3	2 - 6	321	3	2 - 7
Musculoskeletal/Skin Conditions	483	1	1 - 4	437	1	1 - 4
Neuropsychiatric/Sensory Disease	89	2	1 - 11	102	1	0 - 10
Urologic Disease	107	1	0 - 10	83	4	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	563
Occupancy Rate (%):	79
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	460
Percent of Physicians Who Are Board Certified Specialists:	82
Interns and Residents:	0
Registered Nurses:	356
Licensed Practical Nurses:	50

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

DePaul Health Center

12303 DePaul Drive
Bridgeton, Missouri 63044
Saint Louis County
(314) 344-6000

DePaul Acute Care Division
St. Vincent's Psychiatric Care Division
St. Anne's Long-Term Care Division

October 21, 1988

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards & Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Re: DePaul Health Center
Medicare Provider Numbers
26-01-04 and 26-50-10

Dear Mrs. Kappert:

We have received the Medicare Hospital Mortality information for calendar year 1987 and find that 278 patients died in DePaul Health Center. Another 215 succumbed after discharge, 137 in 1987 and 78 in 1988. All 493 deceased had been patients at DePaul in 1987.

We found errors in the hospital characteristics for DePaul and the corrections are as follows:

- Beds - 584 Licensed (without bassinets and includes 84 nursing home beds, SNF, ICF and LTC)
- Total number of physicians - 650
- Percentage of active physicians who are board certified - 75%

If you have any questions concerning these changes, please contact me.

Yours truly,

Frank A. Petrich
President

/bsg

DEXTER MEM HOSP

1200 ONE MILE ROAD PO BOX 279
DEXTER, MO 63841

Medicare Hospital Provider Number: 260160

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	392	20	12 - 21	395	18	13 - 21
Cancer	10	70	24 - 77	11	64	20 - 73
Cerebrovascular Accidents	17	35	12 - 56	20	25	13 - 51
Gastrointestinal Catastrophes	4	75	4 - 80	1	100	0 - 98
Infectious Disease	3	33	5 - 86	3	33	5 - 87
Metabolic/Electrolyte Disorders	10	20	6 - 59	9	11	9 - 59
Pulmonary Disease	51	24	16 - 41	44	20	15 - 41
Renal Failure	3	67	10 - 92	3	0	11 - 86
Severe Acute Heart Disease	30	40	22 - 57	35	49	23 - 57
Severe Chronic Heart Disease	27	37	10 - 47	31	19	14 - 43
Severe Trauma	1	0	0 - 98	0	-	-
Gastrointestinal Disease	29	3	0 - 30	29	3	0 - 34
Gynecologic Disease	6	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	52	8	1 - 25	55	7	1 - 20
Musculoskeletal/Skin Conditions	4	0	0 -100	16	6	0 - 77
Neuropsychiatric/Sensory Disease	3	0	0 -100	8	0	0 -100
Urologic Disease	19	0	0 - 61	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	40
Occupancy Rate (%):	35
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	69
Licensed Practical Nurses:	19

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DOCTORS REG MED CTR

621 PINE BOULEVARD
POPLAR BLUFF, MO 63901

ledicare Hospital Provider Number: 260119

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,180	15	11 - 16	1,474	14	11 - 16
Cancer	42	43	24 - 56	48	52	28 - 59
Cerebrovascular Accidents	69	33	17 - 40	64	42	16 - 41
Gastrointestinal Catastrophes	12	50	14 - 67	12	42	20 - 73
nfectious Disease	13	46	15 - 66	24	54	20 - 61
Metabolic/Electrolyte Disorders	12	17	7 - 55	14	29	8 - 57
Pulmonary Disease	105	31	18 - 39	125	26	17 - 36
Renal Failure	4	25	9 - 85	8	50	13 - 81
Severe Acute Heart Disease	50	38	25 - 53	71	38	29 - 53
Severe Chronic Heart Disease	85	29	14 - 35	75	25	15 - 36
Severe Trauma	2	0	2 - 88	2	50	2 - 92
Gastrointestinal Disease	95	2	1 - 11	112	4	0 - 12
Gynecologic Disease	27	0	0 -100	36	0	0 -100
Low-Risk Heart Disease	104	2	1 - 9	142	1	1 - 7
Musculoskeletal/Skin Conditions	45	7	0 - 54	47	2	0 - 43
Neuropsychiatric/Sensory Disease	17	0	0 -100	39	0	0 - 23
Urologic Disease	151	3	0 - 10	153	2	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	230
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	66
Licensed Practical Nurses:	36

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ELLETT MEM HOSP

610 NORTH OHIO AVENKUE
APPLETON CITY, MO 64724

Medicare Hospital Provider Number: 260148

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	159	9	10 - 20	169	11	11 - 21
Cancer	2	50	5 - 93	7	43	23 - 86
Cerebrovascular Accidents	5	20	5 - 74	6	17	13 - 74
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 99
Infectious Disease	0	-	-	3	0	2 - 80
Metabolic/Electrolyte Disorders	1	0	3 - 99	2	0	0 - 97
Pulmonary Disease	35	6	17 - 37	39	13	14 - 39
Renal Failure	4	75	10 - 86	0	-	-
Severe Acute Heart Disease	4	50	10 - 86	2	50	5 - 93
Severe Chronic Heart Disease	7	14	6 - 63	5	0	6 - 63
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	7	0 - 90	12	0	0 - 54
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	35	0	0 - 18	21	0	0 - 29
Musculoskeletal/Skin Conditions	14	0	1 - 35	20	15	0 - 61
Neuropsychiatric/Sensory Disease	6	0	0 -100	10	0	0 - 97
Urologic Disease	2	0	0 -100	5	0	0 - 93

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	25
Occupancy Rate (%):	24
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	20
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

EXCELSIOR SPRINGS CITY HOSP

1700 RAINBOW DR-HWY 69
EXCELSIOR SPRINGS, MO 64024

ledicare Hospital Provider Number: 260029

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	280	16	9 - 19	312	19	12 - 21
Cancer	3	33	7 - 88	8	50	15 - 76
Cerebrovascular Accidents	15	13	12 - 50	16	19	9 - 50
Gastrointestinal Catastrophes	1	0	0 - 99	2	50	3 - 92
Infectious Disease	5	20	10 - 77	5	40	8 - 80
Metabolic/Electrolyte Disorders	8	38	5 - 68	11	18	4 - 56
Pulmonary Disease	26	27	12 - 47	36	50	19 - 52
Renal Failure	1	100	3 - 98	4	75	10 - 86
Severe Acute Heart Disease	9	33	14 - 71	19	42	21 - 63
Severe Chronic Heart Disease	19	58	8 - 52	14	29	9 - 56
Severe Trauma	1	0	0 - 97	0	-	-
Gastrointestinal Disease	26	8	0 - 65	19	0	0 - 43
Gynecologic Disease	3	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	25	4	0 - 47	46	2	1 - 18
Musculoskeletal/Skin Conditions	11	0	0 - 66	17	6	0 - 88
Neuropsychiatric/Sensory Disease	3	0	0 - 94	6	0	0 - 89
Urologic Disease	21	0	0 - 94	11	18	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	95
Occupancy Rate (%):	75
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	29
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	28
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FAIRFAX COMM HOSP

HWY 59
FAIRFAX, MO 64446

Medicare Hospital Provider Number: 260066

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	355	14	11 - 19	447	16	10 - 18
Cancer	6	17	11 - 72	5	80	11 - 78
Cerebrovascular Accidents	26	27	13 - 48	20	35	11 - 52
Gastrointestinal Catastrophes	2	50	2 - 92	0	-	-
Infectious Disease	3	67	5 - 87	2	50	5 - 93
Metabolic/Electrolyte Disorders	7	0	12 - 59	11	36	9 - 64
Pulmonary Disease	35	26	12 - 43	33	15	13 - 41
Renal Failure	2	100	9 - 94	5	80	14 - 85
Severe Acute Heart Disease	23	43	22 - 62	21	52	22 - 63
Severe Chronic Heart Disease	34	15	11 - 37	37	16	12 - 38
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	26	4	0 - 50	34	9	0 - 67
Gynecologic Disease	3	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	35	0	1 - 15	51	6	1 - 22
Musculoskeletal/Skin Conditions	34	6	0 - 40	46	4	0 - 23
Neuropsychiatric/Sensory Disease	6	0	0 - 84	9	0	0 - 99
Urologic Disease	16	13	0 - 80	15	0	0 - 50

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	57
Occupancy Rate (%):	28
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	30
Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

community hospital

U. S. Highway 59 Fairfax, Missouri 64446 816-686-2211

October 21, 1988

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

From our brief review of your extensive mortality information, we discovered no errors in the data.

We did specifically look at one diagnostic category for mortality information. These specific comments relate to the wishes of the family and/or patients to not conduct surgery or request a "no code," and are attached.

All deaths are reviewed during Quality Assurance meetings so we did not expect any new mortality information.

Sincerely,

Cheryl Chastian, RN

Cheryl Chastian, R.N.
Utilization Review Coordinator

Enclosure

community hospital

U. S. Highway 59 Fairfax, Missouri 64446 816-686-2211

October 21, 1988

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

RE: Diagnostic Category: Renal Failure

Additional information about these two deaths explains their both dying within 30 days of admission:

> [redacted] was 86 years old, had a history of congestive heart failure prior to admission. The family and patient requested that we not perform surgery and that [redacted] return to a nursing home.
>
> [redacted] was 81 years old, had a history of diabetes, previous MI, arteriosclerosis, and cerebral atrophy. [redacted] family requested a "NO CODE."

Sincerely,

Cheryl Chastain

Cheryl Chastain
Utilization Review Coordinator

FAITH HOSP

12634 OLIVE ST RD
SAINT LOUIS, MO 63141

edicare Hospital Provider Number: 260162

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	292	12	9 - 17	293	11	7 - 15
Cancer	11	64	19 - 72	13	46	18 - 69
Cerebrovascular Accidents	11	45	8 - 63	13	23	8 - 55
Gastrointestinal Catastrophes	2	50	2 - 92	2	0	5 - 89
nfectious Disease	2	50	2 - 92	1	0	0 - 97
Metabolic/Electrolyte Disorders	4	25	7 - 81	1	0	1 - 97
Pulmonary Disease	22	9	12 - 41	16	19	6 - 48
Renal Failure	1	0	3 - 99	2	50	6 - 95
Severe Acute Heart Disease	14	43	22 - 70	10	60	14 - 69
Severe Chronic Heart Disease	15	27	4 - 52	19	21	8 - 46
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	24	4	0 - 43	32	0	0 - 30
Gynecologic Disease	6	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	28	4	0 - 41	24	0	0 - 45
Musculoskeletal/Skin Conditions	31	0	0 - 35	41	0	0 - 36
Neuropsychiatric/Sensory Disease	5	0	0 -100	3	0	0 -100
Urologic Disease	24	0	0 - 99	15	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	124
Occupancy Rate (%):	19
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	129
Percent of Physicians Who Are Board Certified Specialists:	45
Interns and Residents:	0
Registered Nurses:	29
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FARMINGTON REGIONAL MEDICAL CENTER

1101 W LIBERTY
FARMINGTON, MO 63640

Medicare Hospital Provider Number: 260163

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	748	14	13 - 19	786	13	12 - 18
Cancer	18	56	22 - 66	20	50	28 - 71
Cerebrovascular Accidents	43	19	17 - 42	36	31	22 - 52
Gastrointestinal Catastrophes	6	17	9 - 71	3	33	2 - 86
Infectious Disease	9	22	11 - 66	10	10	11 - 58
Metabolic/Electrolyte Disorders	9	33	4 - 65	10	20	7 - 60
Pulmonary Disease	107	21	19 - 38	101	21	17 - 37
Renal Failure	5	40	11 - 85	6	50	14 - 86
Severe Acute Heart Disease	40	42	27 - 58	36	39	26 - 58
Severe Chronic Heart Disease	54	31	16 - 42	54	24	15 - 39
Severe Trauma	1	0	0 - 99	0	-	-
Gastrointestinal Disease	61	2	2 - 12	52	2	1 - 15
Gynecologic Disease	3	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	103	5	1 - 12	108	3	1 - 10
Musculoskeletal/Skin Conditions	35	3	0 - 32	59	2	1 - 13
Neuropsychiatric/Sensory Disease	24	8	0 - 56	23	9	0 - 59
Urologic Disease	11	0	0 - 58	14	0	0 - 56

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	130
Occupancy Rate (%):	29
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	25
Percent of Physicians Who Are Board Certified Specialists:	52
Interns and Residents:	0
Registered Nurses:	36
Licensed Practical Nurses:	26

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

FISCHEL ELLIS STATE CANCER HOSP

115 BUSINESS LOOP 70 WEST
COLUMBIA, MO 65201

Medicare Hospital Provider Number: 260146

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	164	13	16 - 27	195	20	19 - 31
Cancer	39	23	30 - 59	45	36	31 - 61
Cerebrovascular Accidents	0	-	-	1	100	1 - 97
Gastrointestinal Catastrophes	1	100	3 - 98	1	0	0 - 98
Infectious Disease	0	-	-	2	0	12 - 96
Metabolic/Electrolyte Disorders	6	33	11 - 77	7	0	22 - 68
Pulmonary Disease	9	33	15 - 71	9	44	19 - 77
Renal Failure	1	100	3 - 99	1	100	1 - 97
Severe Acute Heart Disease	2	0	3 - 88	1	0	1 - 97
Severe Chronic Heart Disease	1	0	1 - 97	1	0	0 - 98
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	7	0	0 - 95	4	0	0 -100
Gynecologic Disease	3	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	3	0	0 - 99	3	33	0 -100
Musculoskeletal/Skin Conditions	3	0	0 -100	3	33	2 - 87
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	5	0	0 -100	6	33	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	68
Occupancy Rate (%):	38
Ownership/Control:	State Government

STAFFING

Total Number of Physicians:	14
Percent of Physicians Who Are Board Certified Specialists:	93
Interns and Residents:	9
Registered Nurses:	47
Licensed Practical Nurses:	15

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FITZGIBBON JOHN MEM HOSP

868 S BRUNSWICK AVE
MARSHALL, MO 65340

Medicare Hospital Provider Number: 260142

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	585	12	13 - 19	562	14	14 - 21
Cancer	13	77	24 - 70	12	42	16 - 68
Cerebrovascular Accidents	40	30	20 - 49	44	16	20 - 43
Gastrointestinal Catastrophes	7	29	6 - 70	6	50	7 - 76
Infectious Disease	4	50	5 - 82	3	33	4 - 86
Metabolic/Electrolyte Disorders	5	40	4 - 78	5	20	7 - 75
Pulmonary Disease	66	20	18 - 40	56	30	21 - 47
Renal Failure	4	50	12 - 90	4	75	16 - 93
Severe Acute Heart Disease	36	28	27 - 57	56	32	30 - 55
Severe Chronic Heart Disease	31	26	13 - 44	30	20	13 - 43
Severe Trauma	1	0	0 - 98	1	0	1 - 97
Gastrointestinal Disease	56	4	1 - 16	39	0	0 - 16
Gynecologic Disease	4	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	63	2	1 - 11	61	3	1 - 15
Musculoskeletal/Skin Conditions	44	0	1 - 12	38	0	0 - 23
Neuropsychiatric/Sensory Disease	8	0	0 - 98	11	0	0 -100
Urologic Disease	27	0	0 - 46	25	0	0 - 24

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	43
Occupancy Rate (%):	58
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	70
Interns and Residents:	0
Registered Nurses:	31
Licensed Practical Nurses:	18

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FREEMAN HOSP

1102 W 32ND ST
JOPLIN, MO 64801

Medicare Hospital Provider Number: 260007

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,048	11	7 - 12	979	9	7 - 12
Cancer	32	34	22 - 56	36	25	20 - 51
Cerebrovascular Accidents	34	12	15 - 39	27	33	9 - 45
Gastrointestinal Catastrophes	9	22	15 - 70	11	45	10 - 66
Infectious Disease	13	62	16 - 67	13	23	16 - 63
Metabolic/Electrolyte Disorders	14	29	11 - 60	13	8	8 - 48
Pulmonary Disease	33	33	10 - 44	23	22	11 - 47
Renal Failure	5	40	12 - 86	0	-	-
Severe Acute Heart Disease	24	58	26 - 64	21	57	23 - 64
Severe Chronic Heart Disease	41	24	12 - 39	49	16	13 - 36
Severe Trauma	2	50	1 - 94	0	-	-
Gastrointestinal Disease	95	2	0 - 11	87	1	0 - 10
Gynecologic Disease	21	0	0 -100	29	0	0 -100
Low-Risk Heart Disease	88	10	0 - 24	96	3	0 - 12
Musculoskeletal/Skin Conditions	108	1	0 - 8	71	1	0 - 16
Neuropsychiatric/Sensory Disease	56	0	0 - 14	78	0	0 - 9
Urologic Disease	61	0	0 - 19	72	0	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	168
Occupancy Rate (%):	61
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	136
Percent of Physicians Who Are Board Certified Specialists:	65
Interns and Residents:	0
Registered Nurses:	172
Licensed Practical Nurses:	27

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GENTRY CO MEM HOSP

COLLEGE CLARK STS
ALBANY, MO 64402

Medicare Hospital Provider Number: 260086

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	316	15	10 - 19	342	16	12 - 20
Cancer	5	20	12 - 79	4	75	14 - 87
Cerebrovascular Accidents	9	44	8 - 67	20	40	18 - 60
Gastrointestinal Catastrophes	0	-	-	1	100	1 - 97
Infectious Disease	4	50	7 - 83	1	0	2 - 97
Metabolic/Electrolyte Disorders	1	0	3 - 98	3	33	6 - 87
Pulmonary Disease	23	22	14 - 49	42	21	16 - 43
Renal Failure	3	33	12 - 95	2	100	11 - 97
Severe Acute Heart Disease	24	58	26 - 65	14	29	18 - 64
Severe Chronic Heart Disease	18	44	9 - 53	36	33	13 - 44
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	23	0	0 - 35	43	7	0 - 46
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	51	0	1 - 10	44	2	1 - 16
Musculoskeletal/Skin Conditions	28	7	1 - 34	27	4	0 - 55
Neuropsychiatric/Sensory Disease	11	0	0 - 99	6	0	0 -100
Urologic Disease	11	0	0 -100	10	0	0 - 94

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	43
Occupancy Rate (%):	40
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	13
Interns and Residents:	0
Registered Nurses:	16
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GOLDEN VALLEY MEM

HWY JCT 7 AND 13 NORTH
CLINTON, MO 64735

edicare Hospital Provider Number: 260175

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
ll Cases	1,151	16	11 - 16	1,018	14	10 - 16
ancer	43	67	33 - 64	22	41	28 - 69
erebrovascular Accidents	56	23	17 - 40	49	29	15 - 42
astrointestinal Catastrophes	8	38	11 - 72	16	25	14 - 59
nfectious Disease	10	30	18 - 72	5	20	6 - 75
etabolic/Electrolyte Disorders	29	21	10 - 45	27	19	7 - 43
ulmonary Disease	82	34	16 - 39	68	19	16 - 38
enal Failure	1	0	1 - 97	3	100	13 - 88
evere Acute Heart Disease	65	52	26 - 52	65	32	26 - 50
evere Chronic Heart Disease	62	31	14 - 38	66	29	14 - 37
evere Trauma	0	-	-	1	0	0 -100
astrointestinal Disease	99	2	1 - 10	86	2	1 - 11
ynecologic Disease	31	0	0 -100	13	0	0 -100
ow-Risk Heart Disease	151	3	1 - 8	124	8	1 - 15
usculoskeletal/Skin Conditions	108	3	1 - 10	69	3	0 - 20
europsychiatric/Sensory Disease	19	0	0 - 77	17	6	0 - 97
rologic Disease	40	2	0 - 72	50	2	0 - 19

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 99
Occupancy Rate (%): 58
Ownership/Control: District/Authority

STAFFING

Total Number of Physicians: 27
Percent of Physicians Who Are Board Certified Specialists: 67
Interns and Residents: 0
Registered Nurses: 50
Licensed Practical Nurses: 24

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

GRIM-SMITH HOSP AND CLINIC

112 E PATTERSON AVE
KIRKSVILLE, MO 63501

Medicare Hospital Provider Number: 260129

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	605	14	10 - 17	714	14	11 - 17
Cancer	16	38	19 - 65	19	42	17 - 60
Cerebrovascular Accidents	39	26	14 - 43	27	22	13 - 46
Gastrointestinal Catastrophes	4	0	5 - 71	7	29	7 - 70
Infectious Disease	10	20	14 - 65	14	14	18 - 60
Metabolic/Electrolyte Disorders	12	17	4 - 54	11	18	6 - 57
Pulmonary Disease	59	17	13 - 35	65	28	11 - 36
Renal Failure	9	56	16 - 80	9	33	21 - 86
Severe Acute Heart Disease	32	38	21 - 55	41	46	27 - 58
Severe Chronic Heart Disease	37	41	13 - 45	39	33	11 - 41
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	46	0	0 - 13	52	8	0 - 26
Gynecologic Disease	7	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	74	3	1 - 12	81	1	1 - 9
Musculoskeletal/Skin Conditions	57	2	0 - 19	74	4	0 - 20
Neuropsychiatric/Sensory Disease	24	4	0 - 96	27	0	0 - 41
Urologic Disease	21	0	0 - 87	31	10	0 - 81

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	75
Occupancy Rate (%):	51
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	38
Percent of Physicians Who Are Board Certified Specialists:	63
Interns and Residents:	0
Registered Nurses:	39
Licensed Practical Nurses:	40

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HEARTLAND EAST HOSPITAL

5325 FARAON ST
SAINT JOSEPH, MO 64501

edicare Hospital Provider Number: 260090

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,648	12	10 - 14	2,623	11	10 - 15
Cancer	90	39	31 - 55	97	40	31 - 55
Cerebrovascular Accidents	95	28	17 - 37	93	23	20 - 39
Gastrointestinal Catastrophes	17	24	13 - 57	27	19	19 - 54
Infectious Disease	19	53	19 - 63	21	52	21 - 64
Metabolic/Electrolyte Disorders	37	19	13 - 44	48	19	12 - 40
Pulmonary Disease	125	26	17 - 36	151	22	18 - 35
Renal Failure	6	83	12 - 78	8	50	13 - 80
Severe Acute Heart Disease	112	38	29 - 49	126	29	30 - 48
Severe Chronic Heart Disease	121	23	16 - 33	127	20	15 - 31
Severe Trauma	6	50	6 - 75	4	0	7 - 72
Gastrointestinal Disease	209	1	2 - 7	245	4	1 - 7
Gynecologic Disease	18	0	0 -100	20	0	0 -100
Low-Risk Heart Disease	214	3	1 - 7	199	5	2 - 9
Musculoskeletal/Skin Conditions	393	2	1 - 5	358	2	1 - 5
Neuropsychiatric/Sensory Disease	69	6	0 - 21	42	5	0 - 39
Urologic Disease	123	2	0 - 9	136	1	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 205
Occupancy Rate (%): 68
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 122
Percent of Physicians Who Are Board Certified Specialists: 62
Interns and Residents: 0
Registered Nurses: 160
Licensed Practical Nurses: 25

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

HEARTLAND WEST HOSPITAL

7TH TO 9TH ON FARAON
SAINT JOSEPH, MO 64501

Medicare Hospital Provider Number: 260006

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,680	14	11 - 16	1,833	14	11 - 15
Cancer	49	43	23 - 53	67	39	27 - 54
Cerebrovascular Accidents	73	29	19 - 41	62	35	17 - 41
Gastrointestinal Catastrophes	15	33	16 - 64	15	20	14 - 58
Infectious Disease	26	35	19 - 58	28	39	26 - 64
Metabolic/Electrolyte Disorders	34	24	9 - 43	63	19	11 - 37
Pulmonary Disease	105	21	16 - 35	109	33	14 - 35
Renal Failure	9	44	15 - 79	13	54	22 - 82
Severe Acute Heart Disease	78	44	28 - 52	65	29	30 - 53
Severe Chronic Heart Disease	100	18	16 - 33	88	28	14 - 35
Severe Trauma	4	100	8 - 73	8	13	10 - 64
Gastrointestinal Disease	134	3	1 - 9	131	5	1 - 12
Gynecologic Disease	23	0	0 -100	19	5	0 -100
Low-Risk Heart Disease	149	4	1 - 9	161	1	2 - 7
Musculoskeletal/Skin Conditions	139	2	1 - 8	162	1	2 - 7
Neuropsychiatric/Sensory Disease	47	2	0 - 20	66	2	0 - 15
Urologic Disease	91	5	0 - 20	95	6	0 - 18

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 436
Occupancy Rate (%): 57
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 122
Percent of Physicians Who Are Board Certified Specialists: 62
Interns and Residents: 0
Registered Nurses: 219
Licensed Practical Nurses: 29

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

HEDRICK MED CTR

100 CENTRAL ST
CHILLICOTHE, MO 64601

Medicare Hospital Provider Number: 260044

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	484	17	11 - 19	484	16	11 - 18
Cancer	9	67	28 - 84	11	64	21 - 74
Cerebrovascular Accidents	29	34	15 - 50	39	23	18 - 45
Gastrointestinal Catastrophes	6	17	11 - 73	2	0	3 - 88
Infectious Disease	6	67	6 - 74	3	67	8 - 89
Metabolic/Electrolyte Disorders	10	20	6 - 59	8	13	5 - 60
Pulmonary Disease	50	36	20 - 48	51	29	12 - 39
Renal Failure	2	100	10 - 95	2	100	7 - 92
Severe Acute Heart Disease	16	63	21 - 66	27	52	21 - 58
Severe Chronic Heart Disease	30	23	10 - 42	37	27	11 - 41
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	49	2	0 - 26	39	5	0 - 36
Gynecologic Disease	3	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	67	0	2 - 8	54	4	1 - 17
Musculoskeletal/Skin Conditions	31	10	0 - 77	29	3	0 - 61
Neuropsychiatric/Sensory Disease	8	0	0 - 96	16	6	0 - 86
Urologic Disease	13	15	0 - 67	8	0	0 - 95

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	80
Ownership/Control:	Local Government

STAFFING

Interns and Residents:	0
Registered Nurses:	34
Licensed Practical Nurses:	11

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

HERMANN AREA DIST HOSP

RFD 1 BOX 30
HERMANN, MO 65041

Medicare Hospital Provider Number: 260158

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	269	20	9 - 20	293	17	11 - 20
Cancer	7	86	11 - 68	5	40	6 - 78
Cerebrovascular Accidents	19	32	13 - 54	19	47	12 - 55
Gastrointestinal Catastrophes	1	100	3 - 98	1	0	2 - 97
Infectious Disease	3	33	5 - 86	3	33	2 - 87
Metabolic/Electrolyte Disorders	7	29	3 - 70	6	33	5 - 74
Pulmonary Disease	29	41	10 - 47	34	35	15 - 48
Renal Failure	0	-	-	3	33	7 - 90
Severe Acute Heart Disease	10	40	17 - 72	19	37	19 - 61
Severe Chronic Heart Disease	18	39	8 - 52	23	26	7 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	19	0	0 - 73	25	0	0 - 24
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	28	4	0 - 38	29	3	0 - 36
Musculoskeletal/Skin Conditions	25	8	0 - 78	23	0	0 - 51
Neuropsychiatric/Sensory Disease	4	0	0 -100	5	0	0 -100
Urologic Disease	15	7	0 - 67	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	46
Occupancy Rate (%):	57
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	43
Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	13

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

INCARNATE WORD HOSP

3545 LAFAYETTE
SAINT LOUIS, MO 63104

Medicare Hospital Provider Number: 260054

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,093	13	10 - 15	2,258	13	10 - 15
Cancer	72	35	24 - 49	94	48	31 - 56
Cerebrovascular Accidents	83	33	16 - 37	82	32	16 - 38
Gastrointestinal Catastrophes	17	41	14 - 61	32	34	17 - 54
Infectious Disease	32	31	21 - 55	27	30	20 - 57
Metabolic/Electrolyte Disorders	59	31	12 - 41	57	18	13 - 39
Pulmonary Disease	139	29	17 - 35	117	30	18 - 38
Renal Failure	10	50	14 - 78	15	53	20 - 79
Severe Acute Heart Disease	75	44	27 - 52	75	48	30 - 54
Severe Chronic Heart Disease	95	26	16 - 35	114	24	16 - 33
Severe Trauma	3	67	3 - 86	0	-	-
Gastrointestinal Disease	157	3	1 - 9	179	3	1 - 8
Gynecologic Disease	21	0	0 -100	25	0	0 - 64
Low-Risk Heart Disease	268	3	2 - 7	280	4	1 - 7
Musculoskeletal/Skin Conditions	229	1	1 - 5	288	3	1 - 6
Neuropsychiatric/Sensory Disease	58	5	0 - 25	84	7	0 - 19
Urologic Disease	78	1	0 - 16	78	3	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	228
Occupancy Rate (%):	65
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	75
Percent of Physicians Who Are Board Certified Specialists:	63
Interns and Residents:	0
Registered Nurses:	95
Licensed Practical Nurses:	42

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

INCARNATE WORD
HOSPITAL

3545 Lafayette Avenue ■ St. Louis, MO 63104 ■ (314) 664-6500
A Member of the Incarnate Word Health System.

October 18, 1988

William Roper, M.D.
Administrator
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Secrutiy Boulevard
Baltimore, Maryland 21201

Dear Dr. Roper:

We appreciate the opportunity to comment prior to publication of HCFA mortality information for Medicare patients. Incarnate Word Hospital fell within normal limits of the expected mortality rates.

We question the specificity of the "principal diagnosis", that diagnosis which occasions the hospital admission, as it applies to mortality. The patient doesn't necessarily die of the principal diagnosis (which determines the DRG), whether in the hospital or after discharge.

We question the lack of statistical factoring for patients in lower socioeconomic groups. These patients' physical and psychological response to care will differ from those in the more affluent groups, whose previous health care, nutrition, education, etc., make for a different response.

Utilization of only eight co-morbid conditions to determine the range of predicted mortality rates appears to limit the accuracy of these rates. The diagnostic data provided to HCFA is generated by the UB-82 form which permits only five diagnoses. The possibility that one of the eight "co-morbid" conditions may not have been included on the 1987 UB-82 form is not insignificant. Many of the eight "co-morbid conditions" are chronic diseases. Any acute diagnosis would take precedence on the UB-82 form.

We do support efforts to measure and improve the quality of care of all our patients. We fear the possibility of inaccurate and/or unfortunate conclusions by consumers, practitioners, and the public to the proposed data release. Is this population sufficiently sophisticated to observe (what must be obvious to most of us in "health care") that the premise of statistical indications equating with quality indications ~~i~~s false? You are using only one outcome, (death in specific categories), to infer quality with no indication or measure of care administered to those patients who have not expired. You state that the information to be published in December represents that which was developed utilizing sophisticated statistical techniques. However, our concern for the collection and publication of the data persists.

Sincerely,

Steve Hunter
Vice President and
Chief Operating Officer

SH:mm

INDEPENDENCE REGIONAL HEALTH CTR

1509 W TRUMAN RD
INDEPENDENCE, MO 64050

Medicare Hospital Provider Number: 260095

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,196	11	8 - 13	2,171	11	9 - 14
Cancer	82	46	28 - 53	82	33	29 - 53
Cerebrovascular Accidents	89	28	16 - 37	83	20	22 - 42
Gastrointestinal Catastrophes	12	25	9 - 60	12	33	12 - 64
Infectious Disease	20	25	15 - 55	34	38	22 - 57
Metabolic/Electrolyte Disorders	24	42	16 - 57	18	28	8 - 52
Pulmonary Disease	86	33	14 - 37	114	25	13 - 32
Renal Failure	2	50	7 - 96	6	33	16 - 87
Severe Acute Heart Disease	62	34	26 - 51	75	28	30 - 52
Severe Chronic Heart Disease	105	24	14 - 32	101	25	14 - 32
Severe Trauma	5	0	10 - 68	9	44	7 - 68
Gastrointestinal Disease	158	3	1 - 9	132	4	1 - 10
Gynecologic Disease	22	0	0 -100	17	0	0 -100
Low-Risk Heart Disease	287	3	1 - 7	243	1	2 - 6
Musculoskeletal/Skin Conditions	240	1	1 - 5	226	2	1 - 6
Neuropsychiatric/Sensory Disease	128	2	0 - 9	135	1	0 - 10
Urologic Disease	139	2	0 - 11	119	1	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	320
Occupancy Rate (%):	68
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	144
Percent of Physicians Who Are Board Certified Specialists:	60
Interns and Residents:	0
Registered Nurses:	206
Licensed Practical Nurses:	64

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

JEFFERSON MEM HOSP

HWY 61 SOUTH-PO BOX 350
CRYSTAL CITY, MO 63019

Medicare Hospital Provider Number: 260023

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,299	12	11 - 16	1,344	11	12 - 16
Cancer	45	40	27 - 58	36	42	26 - 60
Cerebrovascular Accidents	76	18	19 - 38	56	27	16 - 40
Gastrointestinal Catastrophes	9	22	6 - 63	10	30	8 - 64
Infectious Disease	8	25	8 - 67	26	27	21 - 58
Metabolic/Electrolyte Disorders	16	25	7 - 53	26	19	10 - 46
Pulmonary Disease	123	16	20 - 37	129	19	19 - 36
Renal Failure	8	75	18 - 81	7	29	21 - 89
Severe Acute Heart Disease	69	51	28 - 53	66	42	27 - 52
Severe Chronic Heart Disease	69	16	13 - 32	74	26	13 - 35
Severe Trauma	1	0	1 - 97	3	0	2 - 80
Gastrointestinal Disease	79	0	1 - 7	120	1	1 - 7
Gynecologic Disease	18	0	0 - 49	10	0	0 -100
Low-Risk Heart Disease	159	3	1 - 8	150	1	1 - 7
Musculoskeletal/Skin Conditions	113	7	0 - 17	98	5	1 - 13
Neuropsychiatric/Sensory Disease	40	2	0 - 45	61	2	0 - 18
Urologic Disease	59	2	0 - 38	55	0	2 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	206
Occupancy Rate (%):	48
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	55
Percent of Physicians Who Are Board Certified Specialists:	53
Interns and Residents:	0
Registered Nurses:	83
Licensed Practical Nurses:	26

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

JEWISH HOSP OF ST LOUIS

216 S KINGSHIGHWAY
SAINT LOUIS, MO 63110

Medicare Hospital Provider Number: 260032

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,094	10	11 - 15	4,221	11	11 - 15
Cancer	167	38	33 - 53	184	38	33 - 53
Cerebrovascular Accidents	115	17	19 - 34	120	16	19 - 34
Gastrointestinal Catastrophes	21	38	15 - 58	27	30	21 - 58
Infectious Disease	76	30	27 - 53	79	34	24 - 51
Metabolic/Electrolyte Disorders	86	21	17 - 42	95	32	17 - 43
Pulmonary Disease	169	25	20 - 36	145	26	20 - 38
Renal Failure	23	39	20 - 73	20	20	12 - 65
Severe Acute Heart Disease	167	28	31 - 48	151	28	33 - 50
Severe Chronic Heart Disease	222	16	20 - 32	226	17	19 - 31
Severe Trauma	5	20	5 - 75	3	33	2 - 86
Gastrointestinal Disease	222	1	2 - 6	257	4	2 - 8
Gynecologic Disease	23	4	0 -100	30	0	0 -100
Low-Risk Heart Disease	647	3	3 - 6	620	3	3 - 6
Musculoskeletal/Skin Conditions	319	2	1 - 5	294	2	1 - 6
Neuropsychiatric/Sensory Disease	115	5	1 - 12	190	3	1 - 8
Urologic Disease	152	3	0 - 10	154	1	1 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	500
Occupancy Rate (%):	76
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	747
Percent of Physicians Who Are Board Certified Specialists:	90
Interns and Residents:	173
Registered Nurses:	582
Licensed Practical Nurses:	33

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

JEWISH
HOSPITAL
AT WASHINGTON UNIVERSITY MEDICAL CENTER

October 19, 1988

Medicare Provider #26-0032

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We have reviewed the 1987 HCFA Medicare mortality information and hospital characteristics for The Jewish Hospital of St. Louis. There appear to be no inconsistencies with the mortality data but we do want to make two corrections to the Hospital characteristics.

1. The Hospital's bed complement should be corrected to read 550 beds.
2. Under the heading Specialty Services, the Hospital should be listed as having a Coronary Care Unit.

We appreciate the opportunity to review the data before its release to the public.

Sincerely,

Helene Rogers

Helene Rogers
Director, Quality Assurance/
Utilization Management

HR:de
cc: David A. Gee
Lee Bernstein

KELLER ALBERT M MEM HOSP

600 W MORRISON
FAYETTE, MO 65248

Medicare Hospital Provider Number: 260111

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	253	12	8 - 17	231	13	10 - 19
Cancer	2	50	0 - 94	5	60	10 - 80
Cerebrovascular Accidents	9	22	6 - 61	13	23	9 - 56
Gastrointestinal Catastrophes	2	50	4 - 93	3	0	2 - 80
Infectious Disease	1	0	0 - 98	0	-	-
Metabolic/Electrolyte Disorders	10	60	10 - 67	4	0	7 - 72
Pulmonary Disease	21	24	9 - 48	34	32	15 - 48
Renal Failure	3	67	11 - 93	2	100	11 - 96
Severe Acute Heart Disease	2	100	7 - 90	8	50	16 - 76
Severe Chronic Heart Disease	16	13	11 - 47	10	0	8 - 43
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	28	0	0 - 41	16	0	0 - 81
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	20	0	0 - 40	26	0	1 - 20
Musculoskeletal/Skin Conditions	17	0	0 - 74	26	8	0 - 75
Neuropsychiatric/Sensory Disease	6	0	0 - 97	5	0	0 - 99
Urologic Disease	17	6	0 - 81	10	10	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	46
Occupancy Rate (%):	57
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	15
Percent of Physicians Who Are Board Certified Specialists:	13
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

KIRKSVILLE OSTEO HLTH CTR

800 W JEFFERSON
KIRKSVILLE, MO 63501

Medicare Hospital Provider Number: 260022

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	645	14	11 - 17	713	11	10 - 15
Cancer	16	31	18 - 63	25	32	25 - 63
Cerebrovascular Accidents	20	15	15 - 49	19	26	13 - 53
Gastrointestinal Catastrophes	6	17	7 - 70	8	38	16 - 77
Infectious Disease	9	11	10 - 59	5	20	7 - 75
Metabolic/Electrolyte Disorders	6	33	10 - 76	8	13	5 - 60
Pulmonary Disease	53	30	14 - 41	34	18	14 - 43
Renal Failure	6	33	13 - 83	5	60	14 - 88
Severe Acute Heart Disease	40	32	26 - 56	34	35	25 - 57
Severe Chronic Heart Disease	31	29	16 - 48	42	31	14 - 42
Severe Trauma	3	67	3 - 86	0	-	-
Gastrointestinal Disease	57	2	1 - 13	60	2	0 - 16
Gynecologic Disease	8	13	0 -100	7	0	0 -100
Low-Risk Heart Disease	62	0	1 - 9	84	1	1 - 9
Musculoskeletal/Skin Conditions	61	5	0 - 47	73	1	0 - 12
Neuropsychiatric/Sensory Disease	27	4	0 - 66	32	3	0 - 69
Urologic Disease	39	3	0 - 34	35	0	0 - 26

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	228
Occupancy Rate (%):	48
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	95
Percent of Physicians Who Are Board Certified Specialists:	42
Interns and Residents:	26
Registered Nurses:	87
Licensed Practical Nurses:	47

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Kirksville Osteopathic Medical Center

800 West Jefferson
Kirksville, Missouri 63501
(816) 626-2121

Medicare Provider #: 26-0022

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Please accept this letter as Kirksville Osteopathic Medical Center's strenuous disagreement with the Health Care Financing Administration's (HCFA) policy on the publication of Medicare hospital mortality information. There is no hospital in the United States that should not be responsible for delivering quality patient care. The data as provided in the present methodology is misleading to the public and completely inconclusive as a measure of quality care, however. The September 15, 1988 letter from William L. Roper, M.D. to each hospital reflects these inaccuracies in methodology but yet HCFA still will publish a report on each hospital based upon this methodology and data. The major shortcomings of this approach are as follows:

1. The data does not take into consideration the severity of a patient's illness. Again referencing Dr. Roper's letter, HCFA admits that quality cannot be measured until additional statistical measures to deal with severity of illness are developed.

2. The mortality rates are based on the principal diagnosis which may not have been the actual cause of a patient demise. For example; a patient admitted for a major orthopedic procedure who later suffers a heart attack and dies would have the orthopedic procedure listed as the cause of death thereby skewing the mortality rate for the hospital's orthopedic DRG.

3. The absolute number of cases treated within a DRG could skew the mortality rate. A facility with a small number of cases in a particular DRG could have a vastly higher mortality rate than the overall national averages. Because of the small number of cases treated, this mortality rate would then be extremely misleading.

4. The data includes those patients who have died within a 30 day discharge period from the hospital. There is no research, however, as to whether the cause of death was related to the hospitalization.

The present system by which hospitals are monitored contains a series of checks and balances aimed at insuring the delivery of quality health care. First, hospitals conduct ongoing internal assessments aimed at monitoring quality within their own facilities. All deaths occurring within the hospital are reviewed by a designated committee of physicians. Second, hospitals are subject to state and county health care licensing criteria which includes standards that must be maintained by all hospitals. Without qualifying for these certifications, hospitals cannot operate. Third, the American Osteopathic Association, a private non-profit organization of health care professionals, stringently reviews the quality assurance activity of this hospital and medical staff prior to awarding its' coveted endorsement. The AOA evaluates hospitals every three years to assure that objective criteria are used to measure quality of patient care. Fourth, the Professional Review Organization (PRO) is a federally contracted watchdog agency which is mandated by law to monitor hospital utilization for all Medicare beneficiaries, insuring that the health care delivered is essential, appropriate and high quality. Because of these factors, Kirksville Osteopathic Medical Center strongly objects to the HCFA program of publishing what is essentially useless Medicare hospital mortality information.

With this understanding, the information concerning Kirksville Osteopathic Medical Center has been analyzed. The list of cases is accurate in that the patients identified were all hospitalized at this facility in 1987. Please be advised, however, that in the hospital characteristic section this institution has 119 beds, and not the 79 bed figure listed in this section. Additionally, this facility does not have an organ transplant service.

In closing, let me again state that this facility sees no benefit from this program and believes that the publication of this data provides a disservice to both the institution and the public which we are attempting to serve.

Sincerely yours,

Edward R. Balotsky
Executive Director

ERB:mkg

LAFAYETTE REGIONAL HEALTH CENTER

15TH STATE ST
LEXINGTON, MO 64067

Medicare Hospital Provider Number: 260063

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	209	19	10 - 21	242	13	10 - 19
Cancer	5	60	11 - 82	1	100	3 -100
Cerebrovascular Accidents	13	62	11 - 61	14	21	12 - 56
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	4	25	6 - 81	1	100	3 - 98
Metabolic/Electrolyte Disorders	8	38	7 - 69	8	38	7 - 69
Pulmonary Disease	23	43	12 - 52	37	27	13 - 43
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	10	50	18 - 73	11	36	12 - 65
Severe Chronic Heart Disease	11	18	5 - 55	14	29	9 - 56
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	19	0	0 - 55	35	0	0 - 17
Gynecologic Disease	3	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	17	0	0 - 65	24	4	0 - 38
Musculoskeletal/Skin Conditions	12	0	0 - 52	10	0	0 - 92
Neuropsychiatric/Sensory Disease	0	-	-	2	50	0 -100
Urologic Disease	7	29	0 - 99	10	0	0 - 93

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	33
Occupancy Rate (%):	29
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	63
Interns and Residents:	0
Registered Nurses:	19
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Lafayette Regional Health Center
FIFTEENTH AND STATE STREETS - PHONE: 816-259-2203 - LEXINGTON, MISSOURI 64067

MEDICARE PROVIDER NO: 260063

October 24, 1988

COMMENTS ON HCFA MORTALITY DATA

LAFAYETTE REGIONAL HEALTH CENTER
LEXINGTON, MISSOURI

The Medicare hospital mortality information as developed and published by the Health Care Financing Administration indicates that a total of 39 Medicare patients admitted to Lafayette Regional Health Center during 1987 died within 30 days of admission, either while hospitalized or after discharge from the hospital. The average age of the patients who died was 81.3 in 1986 and 81.7 in 1987.

We would like to stress that the information by itself is not a complete measure of the quality of care at an individual hospital and do not recommend the information by itself be used to make any judgements about the quality of care at our hospital or any other hospital. In addition, the data should not be used to make comparisons among hospitals.

Review of the mortality data indicates the hospital was within the predicted range for all categories except for 1987 data regarding cerebrovascular accidents and 1986 data regarding metabolic and electrolyte disturbances. In the metabolic/electrolyte disturbance category, we had only one case; thus, the 100 percent mortality rate. A percentage cannot meaningfully be applied in a situation such as this with only one patient in the category. Such a figure is not significant for making analyses and drawing conclusions. Also, the 1987 data in this category indicate we had a 25 percent mortality rate, or well within the range of predicted mortality (6 - 81 percent). Thus, we do not view this as an indicator of a quality of care problem.

Because we are one percentage point over the range of predicted mortality in the cerebrovascular accident diagnostic category for 1987, we reviewed all seventeen cases treated at our hospital. Only thirteen of these cases were included in the HCFA mortality calculation. Of the other four patients, two were transferred to a tertiary care facility, and two were later admitted to our hospital for unrelated illnesses. These two conditions precluded these cases from being included in the mortality calculation as specified in the HCFA methodology.

When we compared our 1987 mortality rate in the cerebrovascular accident category with 1986, we found there was a 21 percent mortality rate which is well within the predicted range (12 - 56 percent). This indicates there is no pattern of high mortality in this diagnostic category, but that it is simply a result of applying HCFA methodology to a very small sample of patients.

We also used the Medicare Mortality Predictor System (MMPS), a system recommended by HCFA to compare our mortality rates to national statistical norms which include adjustment for severity which the published statistics do not. By using MMPS, a predicted mortality rate can be calculated for patients with similar clinical conditions, based on national experience. Using the MMPS methodology, we found that "our hospital's 30-day death rate for cerebrovascular accident cases is 52.9 percent. The expected death rate, according to MMPS for similar patients, based on a national sample, is 54.4 percent." Thus, when severity of illness is considered, our mortality rates fall right in line with national norms.

We also compared the estimated probability of death based on national experience scores calculated by the MMPS system for each patient having a stroke. Those patients who died had an average score of .601 on a 0 to 1.000 scale. The scores ranged from .441 - .898. Comparatively, those patients who lived had an average score of .293. The closer an individual scored to 1.000, the more probable the occurrence of death. This indicates that those patients who did die within 30 days of admission did enter the hospital with a relatively high risk of death.

Our hospital has an active and organized quality assurance program. As part of the program, our medical staff, nursing staff, and all ancillary departments routinely review the quality of care provided at the hospital. As a part of this process, all deaths which occur at our institution are reviewed to determine if there were any quality problems. When we receive the HCFA mortality report, we make an extra effort to again review and analyze the data to insure that the care we are providing is of the highest quality. Providing quality care is of uppermost concern to the governing body, administration, and medical staff at our hospital.

LAKE OF THE OZARKS GENERAL HOSP

P O BOX 187CB
OSAGE BEACH, MO 65065

Medicare Hospital Provider Number: 260186

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	758	10	9 - 14	761	13	9 - 15
Cancer	17	35	20 - 65	18	50	21 - 66
Cerebrovascular Accidents	37	32	15 - 46	19	32	15 - 56
Gastrointestinal Catastrophes	5	0	5 - 64	9	33	18 - 75
Infectious Disease	7	29	13 - 74	8	63	16 - 76
Metabolic/Electrolyte Disorders	13	0	10 - 42	5	20	5 - 74
Pulmonary Disease	70	16	16 - 37	59	25	14 - 39
Renal Failure	2	50	8 - 98	5	100	19 - 82
Severe Acute Heart Disease	23	35	24 - 63	25	56	24 - 62
Severe Chronic Heart Disease	25	32	8 - 45	48	27	13 - 39
Severe Trauma	0	-	-	2	0	3 - 88
Gastrointestinal Disease	53	2	0 - 24	70	3	0 - 15
Gynecologic Disease	2	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	101	2	1 - 9	87	3	1 - 12
Musculoskeletal/Skin Conditions	81	1	0 - 11	85	0	1 - 7
Neuropsychiatric/Sensory Disease	13	8	0 -100	21	0	0 - 52
Urologic Disease	38	0	0 - 59	27	0	0 - 45

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	99
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	60
Licensed Practical Nurses:	22

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

LAKE OF THE OZARKS GENERAL HOSPITAL

October 14, 1988

Hospital ID: 260186

William L. Roper, M.D., Administrator
Health Care Financing Administration
Department of Health and Human Services
Baltimore, MD 21201

Dear Dr. Roper:

Lake of the Ozarks General Hospital is proud of the quality of care which is provided to our patients. While our statistics were well within the predicted ranges, we must contend that this analysis by itself does not contain adequate information to make judgment about any institution. While we appreciate HCFA's concern for quality healthcare, we feel our internal quality assurance and peer review activities more adequately seek out and handle potential problems and conditions. All aspects of the care are known and can be considered before any judgments are made. The mortality information provided by HCFA is only one small indicator in the overall assessment of quality of care.

Whether or not HCFA continues to publish mortality rates, Lake of the Ozarks General Hospital will continue in its endeavor to maintain, assess, and improve the quality of patient care in order to provide the care our patients and community deserve.

We appreciate the opportunity to respond to you and the public we serve.

Sincerely,

Andrew Talley

Andrew Talley
Administrator

AT:kh

LAKESIDE HOSP

8701 TROOST AVE
KANSAS CITY, MO 64131

Medicare Hospital Provider Number: 260016

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	357	14	8 - 16	408	11	10 - 17
Cancer	14	43	17 - 66	13	23	20 - 67
Cerebrovascular Accidents	13	31	8 - 57	21	19	14 - 49
Gastrointestinal Catastrophes	6	33	4 - 73	4	25	11 - 84
Infectious Disease	5	20	11 - 78	3	33	9 - 90
Metabolic/Electrolyte Disorders	2	50	1 - 92	10	20	9 - 61
Pulmonary Disease	17	18	9 - 48	33	15	14 - 42
Renal Failure	4	0	4 - 75	1	0	0 -100
Severe Acute Heart Disease	11	64	16 - 69	20	30	20 - 60
Severe Chronic Heart Disease	19	16	7 - 43	23	13	8 - 39
Severe Trauma	0	-	-	1	100	1 - 97
Gastrointestinal Disease	18	6	0 - 74	27	4	0 - 57
Gynecologic Disease	7	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	32	6	0 - 52	45	4	0 - 24
Musculoskeletal/Skin Conditions	35	3	0 - 58	31	0	0 - 56
Neuropsychiatric/Sensory Disease	16	6	0 -100	8	0	0 -100
Urologic Disease	22	0	0 - 96	17	0	0 - 59

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	83
Occupancy Rate (%):	31
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	57
Percent of Physicians Who Are Board Certified Specialists:	40
Interns and Residents:	7
Registered Nurses:	28
Licensed Practical Nurses:	11

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LEE LUCY HOSPITAL

2620 NORTH WESTWOOD BLVD
POPLAR BLUFF, MO 63901

Medicare Hospital Provider Number: 260120

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	984	14	11 - 17	1,026	14	11 - 16
Cancer	37	59	26 - 60	30	53	24 - 61
Cerebrovascular Accidents	47	28	15 - 42	44	30	15 - 43
Gastrointestinal Catastrophes	6	33	11 - 78	4	50	5 - 83
Infectious Disease	9	0	9 - 49	17	41	19 - 65
Metabolic/Electrolyte Disorders	21	33	14 - 56	43	14	12 - 40
Pulmonary Disease	85	20	18 - 38	68	31	16 - 41
Renal Failure	6	33	11 - 81	8	50	14 - 81
Severe Acute Heart Disease	54	46	26 - 54	45	51	28 - 57
Severe Chronic Heart Disease	60	28	13 - 37	53	23	14 - 38
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	47	2	0 - 19	55	2	0 - 17
Gynecologic Disease	23	0	0 -100	26	0	0 -100
Low-Risk Heart Disease	98	3	1 - 11	107	3	1 - 10
Musculoskeletal/Skin Conditions	73	3	1 - 13	83	0	0 - 8
Neuropsychiatric/Sensory Disease	25	4	0 - 79	29	7	0 - 60
Urologic Disease	42	2	0 - 28	42	5	0 - 83

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	201
Occupancy Rate (%):	40
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	46
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	57
Licensed Practical Nurses:	54

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LEE'S SUMMIT COMM HOSP

530 N MURRAY RD
LEES SUMMIT, MO 64063

Medicare Hospital Provider Number: 260190

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	902	15	12 - 17	964	12	11 - 16
Cancer	18	39	24 - 68	31	42	29 - 65
Cerebrovascular Accidents	42	31	15 - 44	40	27	19 - 47
Gastrointestinal Catastrophes	9	78	9 - 64	4	50	5 - 82
Infectious Disease	20	15	20 - 56	11	36	20 - 74
Metabolic/Electrolyte Disorders	14	36	7 - 58	12	17	8 - 56
Pulmonary Disease	87	29	21 - 42	68	40	17 - 42
Renal Failure	3	33	6 - 88	1	0	0 - 98
Severe Acute Heart Disease	33	64	30 - 63	38	37	27 - 58
Severe Chronic Heart Disease	52	23	15 - 39	62	19	16 - 37
Severe Trauma	1	0	0 - 98	2	0	1 - 89
Gastrointestinal Disease	51	4	0 - 20	70	1	1 - 11
Gynecologic Disease	6	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	129	2	2 - 8	132	0	2 - 6
Musculoskeletal/Skin Conditions	81	2	1 - 12	88	7	0 - 24
Neuropsychiatric/Sensory Disease	12	17	0 -100	15	0	2 - 31
Urologic Disease	47	0	1 - 12	53	8	1 - 24

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	114
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	48
Licensed Practical Nurses:	16

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

LEVERING HOSP

1734 MARKET ST
HANNIBAL, MO 63401

Medicare Hospital Provider Number: 260010

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	643	14	11 - 17	645	12	10 - 16
Cancer	16	44	20 - 66	12	42	15 - 68
Cerebrovascular Accidents	31	16	16 - 44	28	25	16 - 49
Gastrointestinal Catastrophes	4	0	8 - 73	3	0	5 - 79
Infectious Disease	6	33	9 - 75	5	20	5 - 74
Metabolic/Electrolyte Disorders	2	50	1 - 93	15	27	11 - 57
Pulmonary Disease	66	24	15 - 38	47	28	14 - 42
Renal Failure	3	33	7 - 90	2	100	5 - 90
Severe Acute Heart Disease	40	40	25 - 56	25	20	25 - 57
Severe Chronic Heart Disease	48	31	11 - 38	32	22	11 - 41
Severe Trauma	1	100	2 - 97	2	100	1 - 89
Gastrointestinal Disease	55	5	0 - 24	60	2	0 - 15
Gynecologic Disease	7	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	51	2	1 - 14	53	9	2 - 22
Musculoskeletal/Skin Conditions	40	0	0 - 16	53	0	0 - 13
Neuropsychiatric/Sensory Disease	9	0	0 - 87	14	7	0 -100
Urologic Disease	29	0	0 - 27	29	3	0 - 43

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	97
Occupancy Rate (%):	62
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	39
Percent of Physicians Who Are Board Certified Specialists:	62
Interns and Residents:	0
Registered Nurses:	53
Licensed Practical Nurses:	42

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LIBERTY HOSP

2525 GLENN HENDREN DR
LIBERTY, MO 64068

Medicare Hospital Provider Number: 260177

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,269	14	9 - 14	1,271	11	8 - 13
Cancer	33	48	21 - 56	26	42	20 - 59
Cerebrovascular Accidents	83	27	17 - 38	67	34	17 - 41
Gastrointestinal Catastrophes	11	55	12 - 68	9	44	13 - 72
Infectious Disease	9	44	16 - 74	7	14	13 - 70
Metabolic/Electrolyte Disorders	14	36	7 - 58	11	18	3 - 57
Pulmonary Disease	75	23	13 - 35	84	24	13 - 34
Renal Failure	4	25	9 - 85	8	63	18 - 85
Severe Acute Heart Disease	45	47	23 - 53	38	37	26 - 57
Severe Chronic Heart Disease	66	21	13 - 34	51	14	11 - 32
Severe Trauma	3	67	1 - 89	1	100	1 - 97
Gastrointestinal Disease	83	1	1 - 9	93	3	1 - 12
Gynecologic Disease	18	0	0 -100	19	0	0 -100
Low-Risk Heart Disease	126	3	1 - 9	115	3	1 - 9
Musculoskeletal/Skin Conditions	174	1	1 - 6	151	2	0 - 9
Neuropsychiatric/Sensory Disease	25	0	0 - 73	37	0	0 - 35
Urologic Disease	69	1	1 - 12	73	3	0 - 16

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	150
Occupancy Rate (%):	(not available)
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	66
Percent of Physicians Who Are Board Certified Specialists:	61
Interns and Residents:	0
Registered Nurses:	117
Licensed Practical Nurses:	18

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LINCOLN COUNTY MEM HOSP

1000 E CHERRY
TROY, MO 63379

Medicare Hospital Provider Number: 260134

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	681	13	10 - 16	759	14	11 - 17
Cancer	16	44	26 - 73	19	42	31 - 74
Cerebrovascular Accidents	22	9	17 - 45	34	41	17 - 50
Gastrointestinal Catastrophes	2	100	2 - 89	1	0	1 - 97
Infectious Disease	7	29	9 - 71	4	50	7 - 83
Metabolic/Electrolyte Disorders	15	0	9 - 39	28	29	9 - 47
Pulmonary Disease	75	21	18 - 39	82	24	18 - 40
Renal Failure	5	80	14 - 84	8	50	16 - 83
Severe Acute Heart Disease	16	75	19 - 62	15	60	19 - 66
Severe Chronic Heart Disease	30	27	9 - 42	40	32	13 - 43
Severe Trauma	1	100	0 - 97	0	-	-
Gastrointestinal Disease	66	3	1 - 14	56	4	0 - 19
Gynecologic Disease	5	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	81	1	1 - 9	106	3	1 - 10
Musculoskeletal/Skin Conditions	45	2	0 - 21	43	2	0 - 21
Neuropsychiatric/Sensory Disease	15	0	0 - 66	20	0	0 - 93
Urologic Disease	32	6	0 - 61	44	2	0 - 32

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	88
Occupancy Rate (%):	49
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	25
Percent of Physicians Who Are Board Certified Specialists:	84
Interns and Residents:	0
Registered Nurses:	37
Licensed Practical Nurses:	20

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LINDELL HOSP

4930 LINDELL BLVD
SAINT LOUIS, MO 63108

Medicare Hospital Provider Number: 260093

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	94	3	3 - 12	161	4	3 - 11
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	1	0	0 - 99	2	0	3 - 88
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 99
Infectious Disease	1	0	0 - 98	1	0	1 - 97
Metabolic/Electrolyte Disorders	0	-	-	2	50	0 - 95
Pulmonary Disease	1	0	1 - 97	3	33	2 - 86
Renal Failure	0	-	-	1	0	1 - 97
Severe Acute Heart Disease	2	50	4 - 92	4	25	8 - 82
Severe Chronic Heart Disease	5	0	4 - 63	5	0	4 - 63
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	4	0	0 -100	8	0	0 -100
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	11	0	0 - 99	25	0	0 - 46
Musculoskeletal/Skin Conditions	18	0	0 - 98	44	0	0 - 38
Neuropsychiatric/Sensory Disease	5	0	0 -100	7	0	0 -100
Urologic Disease	4	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	81
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	6
Registered Nurses:	42
Licensed Practical Nurses:	19

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LUTHERAN MED CTR

2639 MIAMI ST
SAINT LOUIS, MO 63118

Medicare Hospital Provider Number: 260002

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,196	13	11 - 16	1,523	13	11 - 16
Cancer	43	37	28 - 59	60	47	28 - 56
Cerebrovascular Accidents	69	22	17 - 38	71	25	18 - 40
Gastrointestinal Catastrophes	9	33	11 - 69	14	21	15 - 60
Infectious Disease	24	29	16 - 55	13	38	17 - 68
Metabolic/Electrolyte Disorders	34	18	12 - 44	46	17	8 - 37
Pulmonary Disease	103	24	19 - 38	128	24	19 - 37
Renal Failure	10	20	9 - 69	10	20	15 - 74
Severe Acute Heart Disease	49	39	24 - 52	49	33	26 - 53
Severe Chronic Heart Disease	43	21	12 - 38	84	14	15 - 32
Severe Trauma	3	67	4 - 86	0	-	-
Gastrointestinal Disease	68	4	0 - 23	95	3	1 - 12
Gynecologic Disease	7	0	0 -100	11	0	0 -100
Low-Risk Heart Disease	124	4	1 - 10	200	2	2 - 7
Musculoskeletal/Skin Conditions	121	2	1 - 8	147	3	0 - 9
Neuropsychiatric/Sensory Disease	15	7	0 - 97	25	0	0 - 28
Urologic Disease	50	0	0 - 25	55	0	0 - 16

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	306
Occupancy Rate (%):	54
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	114
Percent of Physicians Who Are Board Certified Specialists:	68
Interns and Residents:	13
Registered Nurses:	135
Licensed Practical Nurses:	60

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	Yes

LUTHERAN
MEDICAL
CENTER

A National Medical Enterprises Health Care Facility

September 26, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

This letter is in response to Lutheran Medical Center's proposed Medicare Hospital Mortality Information Sheet. In reviewing that sheet we do not have any comments on the specific mortality statistics listed by diagnostic category; however, we do have some corrections to the hospital characteristics page. Please note that the number of licensed beds at the facility are 398. Approximately 220 are operational and staffed. Our average daily census in 1986 was 169 which yields an occupancy rate of 77% when utilizing open and staffed beds. The number of physicians on staff are 250.

Should you have any questions, please let me know. Thank you.

Sincerely,

Nicholas J. Marzocco
Administrator

fz

MADISON MEM HOSP

100 SOUTH WOOD AT WEST COLLEGE
FREDERICKTOWN, MO 63645

Medicare Hospital Provider Number: 260030

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	265	20	12 - 23	320	15	12 - 20
Cancer	7	57	16 - 80	4	75	12 - 85
Cerebrovascular Accidents	10	20	11 - 61	14	21	13 - 56
Gastrointestinal Catastrophes	0	-	-	3	67	5 - 86
Infectious Disease	7	43	8 - 73	7	14	9 - 67
Metabolic/Electrolyte Disorders	2	50	0 - 97	1	0	0 - 98
Pulmonary Disease	41	32	17 - 47	58	36	19 - 46
Renal Failure	2	100	4 - 89	4	50	9 - 87
Severe Acute Heart Disease	13	23	19 - 65	12	17	20 - 64
Severe Chronic Heart Disease	19	26	7 - 48	13	8	14 - 50
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	22	9	0 - 78	24	0	0 - 46
Gynecologic Disease	1	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	21	5	0 - 42	42	2	1 - 19
Musculoskeletal/Skin Conditions	20	0	1 - 26	23	0	0 - 32
Neuropsychiatric/Sensory Disease	5	0	1 - 69	4	0	0 -100
Urologic Disease	5	0	0 -100	11	0	0 - 91

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	165
Occupancy Rate (%):	82
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	16
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	14

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MCCUNE BROOKS HOSP

627 W CENTENNIAL ST
CARTHAGE, MO 64836

Medicare Hospital Provider Number: 260013

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	692	12	9 - 15	653	13	10 - 16
Cancer	13	46	20 - 71	23	35	22 - 61
Cerebrovascular Accidents	26	35	14 - 50	23	52	14 - 54
Gastrointestinal Catastrophes	4	50	5 - 82	3	67	8 - 89
Infectious Disease	3	67	6 - 87	5	0	10 - 67
Metabolic/Electrolyte Disorders	23	9	8 - 40	15	13	6 - 48
Pulmonary Disease	64	17	13 - 34	46	17	15 - 39
Renal Failure	1	100	2 -100	2	50	7 - 98
Severe Acute Heart Disease	29	41	21 - 57	30	40	26 - 61
Severe Chronic Heart Disease	49	22	12 - 37	38	24	13 - 41
Severe Trauma	1	100	0 - 99	0	-	-
Gastrointestinal Disease	56	0	1 - 10	57	0	1 - 10
Gynecologic Disease	7	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	83	2	1 - 11	80	4	1 - 13
Musculoskeletal/Skin Conditions	68	0	1 - 8	48	6	0 - 28
Neuropsychiatric/Sensory Disease	17	6	0 - 95	20	5	0 - 53
Urologic Disease	22	5	0 - 43	28	4	0 - 84

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	68
Occupancy Rate (%):	49
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	32
Percent of Physicians Who Are Board Certified Specialists:	53
Interns and Residents:	0
Registered Nurses:	40
Licensed Practical Nurses:	16

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEDICAL CENTER OF INDEPENDENCE

17203 E 23RD ST
INDEPENDENCE, MO 64057

Medicare Hospital Provider Number: 260166

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	978	12	9 - 14	826	11	9 - 15
Cancer	25	36	23 - 61	24	67	24 - 63
Cerebrovascular Accidents	37	22	14 - 42	31	16	13 - 41
Gastrointestinal Catastrophes	9	56	8 - 68	8	38	13 - 74
Infectious Disease	12	67	14 - 66	12	33	13 - 64
Metabolic/Electrolyte Disorders	15	47	9 - 60	11	18	4 - 56
Pulmonary Disease	67	25	15 - 38	77	29	16 - 39
Renal Failure	9	44	12 - 77	1	100	2 - 98
Severe Acute Heart Disease	30	40	25 - 60	32	31	22 - 55
Severe Chronic Heart Disease	37	19	10 - 37	28	46	15 - 51
Severe Trauma	4	50	3 - 82	0	-	-
Gastrointestinal Disease	69	3	0 - 15	56	0	1 - 10
Gynecologic Disease	12	8	0 -100	9	0	0 -100
Low-Risk Heart Disease	116	1	1 - 7	103	2	1 - 9
Musculoskeletal/Skin Conditions	123	4	0 - 13	79	1	0 - 11
Neuropsychiatric/Sensory Disease	42	2	0 - 40	45	0	0 - 20
Urologic Disease	54	0	0 - 31	38	0	0 - 21

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	185
Occupancy Rate (%):	51
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	152
Percent of Physicians Who Are Board Certified Specialists:	68
Interns and Residents:	0
Registered Nurses:	151
Licensed Practical Nurses:	37

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEMORIAL COMM HOSP

1432 SOUTHWEST BLVD
JEFFERSON CITY, MO 65101

Medicare Hospital Provider Number: 260047

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,101	12	11 - 16	1,225	13	10 - 15
Cancer	36	47	27 - 61	40	57	29 - 62
Cerebrovascular Accidents	59	25	16 - 39	60	23	17 - 40
Gastrointestinal Catastrophes	2	100	3 - 88	11	73	20 - 72
Infectious Disease	14	36	23 - 72	7	57	15 - 79
Metabolic/Electrolyte Disorders	3	33	6 - 87	7	14	5 - 64
Pulmonary Disease	73	18	18 - 38	57	18	14 - 37
Renal Failure	9	56	14 - 79	6	50	12 - 83
Severe Acute Heart Disease	44	36	28 - 57	54	46	28 - 55
Severe Chronic Heart Disease	57	19	13 - 35	76	24	13 - 34
Severe Trauma	5	0	8 - 66	2	0	1 - 91
Gastrointestinal Disease	74	3	1 - 13	91	4	1 - 13
Gynecologic Disease	9	0	0 -100	22	0	0 -100
Low-Risk Heart Disease	161	3	2 - 8	158	1	2 - 7
Musculoskeletal/Skin Conditions	119	3	1 - 9	128	1	1 - 7
Neuropsychiatric/Sensory Disease	35	0	4 - 15	41	2	0 - 24
Urologic Disease	44	2	0 - 36	39	3	0 - 31

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	96
Occupancy Rate (%):	54
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	65
Percent of Physicians Who Are Board Certified Specialists:	72
Interns and Residents:	0
Registered Nurses:	65
Licensed Practical Nurses:	33

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MENORAH MED CTR

4949 ROCKHILL ROAD
KANSAS CITY, MO 64110

Medicare Hospital Provider Number: 260112

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,732	8	10 - 14	1,726	8	9 - 14
Cancer	92	32	30 - 53	76	41	32 - 58
Cerebrovascular Accidents	58	12	18 - 37	58	14	16 - 36
Gastrointestinal Catastrophes	6	17	7 - 70	14	21	15 - 61
Infectious Disease	11	27	11 - 63	13	23	9 - 57
Metabolic/Electrolyte Disorders	26	15	11 - 45	26	19	6 - 43
Pulmonary Disease	64	31	19 - 44	51	24	17 - 42
Renal Failure	4	50	5 - 84	4	50	8 - 87
Severe Acute Heart Disease	33	15	23 - 50	48	25	25 - 51
Severe Chronic Heart Disease	94	20	13 - 31	77	19	18 - 37
Severe Trauma	4	0	11 - 75	2	0	5 - 89
Gastrointestinal Disease	123	2	1 - 9	130	2	1 - 8
Gynecologic Disease	11	0	0 -100	17	0	0 -100
Low-Risk Heart Disease	218	3	2 - 8	206	2	2 - 7
Musculoskeletal/Skin Conditions	156	0	1 - 5	181	2	1 - 6
Neuropsychiatric/Sensory Disease	97	2	0 - 11	115	1	0 - 8
Urologic Disease	67	1	0 - 16	66	2	0 - 20

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	330
Occupancy Rate (%):	59
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	208
Percent of Physicians Who Are Board Certified Specialists:	65
Interns and Residents:	0
Registered Nurses:	295
Licensed Practical Nurses:	45

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

MENORAH
MEDICAL
CENTER

October 21, 1988

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Maryland 21207

Re: Medicare Hospital Mortality Information, Hospital ID #260112

Dear Mrs. Kappert:

Please be advised that we have reviewed the Medicare hospital mortality information provided for Menorah Medical Center (hospital ID #260112) and have found no statistical errors in the information provided.

I do wish to point out for inclusion in the Comments section of the final report, that although the deaths listed did in fact occur within 30 days of discharge from Menorah Medical Center, the assigned diagnosis do not represent the cause of death as listed in the Medical Center's death register or in the physicians' offices and Bureau of Vital Statistics records. The Medicare hospital mortality information is based on the principal diagnosis as listed at discharge and which serves as the basis for the DRG classification. I would strongly suggest that future Medicare hospital mortality information use the more accurate "cause of death" as listed with the appropriate State agencies.

In regard to hospital characteristics information, I ask that you differentiate between licensed beds and staffed beds so that the readers can have a better understanding of how the occupancy rate was derived. In view of the fact that in Missouri we submit an annual licensing survey, we would prefer that you use the following information which was submitted to the Missouri Department of Health for the calendar year 1987:

Staffed Beds:	330
Daily Census:	230
Occupancy Rate (%):	70
Ownership/Control:	Private, non-profit
Total number of physicians on the Active staff:	208
Percent of Physicians who are board-certified specialists:	65
Interns and residents per staffed bed:	0.04
Registered Nurses FTE's per patient day:	0.91
Licensed Practical Nurses FTE's per patient day:	0.16

As you obviously realize, if you choose other measurements as your standards, such as "Registered Nurses per bed", you will be mixing full-time and part-time positions and staffed beds versus occupied beds per day. Using your language and assuming that you mean staffed beds and number of nurses (both full-time and part-time) the results change to Registered Nurses per bed: 1.03; Licensed Practical Nurses per bed: 0.15. My recommended definitions, as listed above, attempt to alleviate the confusion which has resulted from your listed staffing data.

If I can be of any further assistance, please do not hesitate to contact me.

Sincerely,

MENORAH MEDICAL CENTER

Sol Schaengold, J.D.
President

SS/jlp
s15879

MERCY HOSP-TRI COUNTY

P O BOX 528
MANSFIELD, MO 65704

Medicare Hospital Provider Number: 260182

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	345	14	12 - 20	373	14	11 - 19
Cancer	7	57	19 - 82	6	83	13 - 74
Cerebrovascular Accidents	14	36	7 - 56	12	25	12 - 60
Gastrointestinal Catastrophes	2	50	5 - 93	2	50	6 - 94
Infectious Disease	4	0	7 - 72	9	67	13 - 70
Metabolic/Electrolyte Disorders	12	42	7 - 62	7	14	7 - 65
Pulmonary Disease	71	25	17 - 39	87	16	17 - 36
Renal Failure	3	67	8 - 90	1	100	3 - 99
Severe Acute Heart Disease	8	38	17 - 77	10	50	16 - 72
Severe Chronic Heart Disease	32	6	14 - 35	21	24	9 - 46
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	40	5	0 - 29	28	4	0 - 59
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	36	3	0 - 36	53	4	0 - 22
Musculoskeletal/Skin Conditions	14	0	0 - 75	17	0	0 -100
Neuropsychiatric/Sensory Disease	7	0	0 -100	7	0	0 - 98
Urologic Disease	5	0	0 -100	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	51
Occupancy Rate (%):	39
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	14
Percent of Physicians Who Are Board Certified Specialists:	29
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MERCY
HOSPITAL

October 18, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
6325 Security Blvd.
Baltimore, Maryland 21207

Dear Dr. Roper:

Thank you for the opportunity to respond to the mortality data from HCFA prior to its December 1988 release. The information provided to us indicates that HCFA considered 345 Medicare admissions at Mercy Hospital during 1987. Of these 345 patients, 48 died in the Hospital or within thirty days of discharge, for a HCFA calculated mortality rate of 14%. In reviewing the actual patient data which HCFA relied upon to calculate the 14% rate, several errors were found. According to our records, patient [redacted] had not died as of 12-26-87 (according to your data the patient was [redacted]charged and died on 10-6-88) and patient [redacted] died on 4-3-88. By eliminating these deaths from our 1987 data, our HCFA mortality rate will decrease slightly.

I believe it is helpful to compare the mortality rate calculated by HCFA to our actual mortality rate using all 1987 Medicare discharges from the Hospital. In 1987, Mercy Hospital had 609 Medicare discharges with 32 deaths for a mortality rate of 5.25%. The difference between the HCFA rate and the actual rate is because HCFA includes all deaths within 30 days of discharges and only considers the last admission of a patient to the Hospital (which excludes multiple admissions).

I hope this additional information assists you and the public in understanding Mercy Hospital's mortality information.

Sincerely yours,

Mark E. Cross
Administrator

MEC/ljs

P.O. BOX 528, MANSFIELD, MISSOURI 65704 • (417) 924-3281
Sponsored by The Sisters of Mercy

Mercy Hospital, a Sisters of Mercy health ministry, is an equal opportunity/affirmative action employer and provides services and benefits without discrimination.

MINERAL AREA OSTEO HOSP

1212 WEBER RD
FARMINGTON, MO 63640

Medicare Hospital Provider Number: 260116

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	651	16	11 - 18	673	15	11 - 17
Cancer	19	68	27 - 69	17	53	19 - 64
Cerebrovascular Accidents	33	30	15 - 46	40	32	15 - 45
Gastrointestinal Catastrophes	3	33	5 - 87	9	44	10 - 70
Infectious Disease	16	19	9 - 52	18	22	14 - 55
Metabolic/Electrolyte Disorders	15	33	6 - 56	13	15	3 - 52
Pulmonary Disease	80	36	16 - 39	72	19	16 - 37
Renal Failure	7	71	15 - 82	9	56	17 - 82
Severe Acute Heart Disease	29	59	22 - 58	31	52	25 - 60
Severe Chronic Heart Disease	44	20	13 - 38	28	32	9 - 44
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	61	0	0 - 10	48	4	0 - 31
Gynecologic Disease	8	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	79	3	1 - 11	91	0	2 - 7
Musculoskeletal/Skin Conditions	36	0	0 - 48	50	0	0 - 18
Neuropsychiatric/Sensory Disease	35	0	0 - 39	19	0	0 - 99
Urologic Disease	18	11	0 - 99	23	4	0 - 61

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 137
Occupancy Rate (%): 37
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 33
Percent of Physicians Who Are Board Certified Specialists: 45
Interns and Residents: 0
Registered Nurses: 51
Licensed Practical Nurses: 38

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

MISSOURI BAPTIST HOSP OF WENTZVILLE

500 MEDICAL DRIVE
WENTZVILLE , MO 63385

Medicare Hospital Provider Number: 260198

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	242	9	10 - 18	0	-	-
Cancer	2	50	5 - 93	0	-	-
Cerebrovascular Accidents	11	18	7 - 56	0	-	-
Gastrointestinal Catastrophes	4	25	4 - 80	0	-	-
Infectious Disease	5	60	7 - 79	0	-	-
Metabolic/Electrolyte Disorders	6	33	4 - 73	0	-	-
Pulmonary Disease	27	11	14 - 42	0	-	-
Renal Failure	2	50	3 - 93	0	-	-
Severe Acute Heart Disease	10	0	26 - 60	0	-	-
Severe Chronic Heart Disease	12	17	12 - 57	0	-	-
Severe Trauma	1	100	1 - 97	0	-	-
Gastrointestinal Disease	18	11	0 - 87	0	-	-
Gynecologic Disease	2	0	0 -100	0	-	-
Low-Risk Heart Disease	29	0	0 - 28	0	-	-
Musculoskeletal/Skin Conditions	11	0	0 -100	0	-	-
Neuropsychiatric/Sensory Disease	6	0	0 -100	0	-	-
Urologic Disease	21	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	100
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	3
Registered Nurses:	51
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MISSOURI BAPTIST HOSPITAL-WENTZVILLE

500 Medical Drive
P.O. Box 711
Wentzville, Missouri 63385
314/327-1000

September 23, 1988

Ms. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Security Boulevard
Baltimore, MD 21207

Dear Ms. Kappert:

Dr. Roper has asked the individual hospitals to comment regarding the Hospital Specific Data to be publicly released in the near future. I have no argument with the intent behind this program and suggest that the public has a "right to know", however, I must question releasing data publicly which may be misleading or misunderstood by those citizens in the communities who utilize the services of the local institutions. The following are examples of insufficient data to draw a fair conclusion.

1. The number of cases reported are for Total Overall Discharges. "Deaths" on the otherhand are reported by "Percentage" and not by Number of Cases. This can foster very misleading conclusions. For example - my hospital had one Severe Trauma Case during this report period and the patient expired - thus my Severe Trauma Cases reflect 100% expiration. Without knowing the number of cases of severe trauma, the public could surmise that my institution cannot handle severe trauma and create a negative image of the hospital. A second example is - my hospital has a 50% death rate in Medicare cancer patients. We had two (2) cases and one expired. Again, very misleading because the number of cases is not reflected, the information shown can create a very wrong conclusion.

2. Explanations of deaths occurring Post Hospitalization are not provided. The cause of death may have "no relation" to the patient's hospitalization. For example - the patient may have died in an automobile accident that is totally unrelated to the hospitalization - thus another false conclusion could be made.

3. Nothing in the data reflects the patient's overall condition other than age which may or may not be indicative. Patients with multiple significant medical conditions or patients with acute stages of disease are not indicated. For example - on the prognosis for a patient with a fractured hip and extensive cancer is much more grave than that without this comorbidity.

4. The data does not reflect other sources of care post hospitalization. No consideration is given to patients who are transferred to a nursing home, referred to a home health agency or simply do not comply with discharge instructions.

5. The data does not reflect the pre-hospitalization status of the patient. The patient may have deferred treatment until a critical stage of the disease process or pre-hospitalization care may have been substandard.

6. Family and/or Patient decisions "not to resuscitate" the patient are not taken into consideration. For this hospital specifically, of the 22 patients who expired within 30 days of discharge, 12 (55%) expired in the hospital, 5 (23%) were transferred to a nursing home for continued care and expired there and 5 (23%) were discharged to home (with no home health care) and expired at home. Again, these statistics do not tell the story as outlined in items 2, 3, 4 and 5 above.

In conclusion, it is obvious that ample reason exists to believe that this data can be misunderstood by the public-at-large and could taint the image and credibility of the institution within its medical service area. As I indicated earlier, I am very much in favor of the public's right and need to know about our health delivery systems and their effectiveness in carrying out their mission. I cannot in good conscience support supplying the general public statistical or other information regarding a subject so sensitive, without supplying enough information to reach a fair, impartial and informed conclusion. The statistical data you are planning to release on this institution does not meet this test. I urge you to incorporate into the data sufficient information to present a definitive picture of the statistics and its relativity. Let's be very conscious of our obligation to our users and make every effort to insure that they are "totally" informed.

Thank you for the opportunity to comment on this subject. I sincerely hope my views will assist you in evaluating the potential and relative value of this program.

Sincerely,

Dave Rose

Dave Rose
Administrator

MISSOURI BAPTIST HOSPITAL OF SULLIVA

751 SAPPINGTON BRIDGE RD
SULLIVAN, MO 63080

Medicare Hospital Provider Number: 260115

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	354	15	10 - 18	450	16	11 - 19
Cancer	6	50	10 - 77	10	40	23 - 79
Cerebrovascular Accidents	14	36	13 - 61	24	25	15 - 50
Gastrointestinal Catastrophes	2	50	3 - 92	4	50	2 - 83
Infectious Disease	0	-	-	4	0	7 - 72
Metabolic/Electrolyte Disorders	4	25	5 - 80	10	10	4 - 54
Pulmonary Disease	47	15	14 - 37	45	13	14 - 37
Renal Failure	6	83	16 - 83	8	75	15 - 79
Severe Acute Heart Disease	17	53	25 - 70	20	60	21 - 63
Severe Chronic Heart Disease	12	17	6 - 52	25	36	13 - 51
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	35	0	0 - 22	47	6	0 - 28
Gynecologic Disease	5	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	38	3	0 - 29	38	8	0 - 37
Musculoskeletal/Skin Conditions	26	0	0 - 27	38	0	0 - 18
Neuropsychiatric/Sensory Disease	7	0	0 -100	4	0	0 -100
Urologic Disease	16	0	0 - 88	17	18	0 - 69

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 61
Occupancy Rate (%): 28
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 35
Percent of Physicians Who Are Board Certified Specialists: 40
Interns and Residents: 0
Registered Nurses: 20
Licensed Practical Nurses: 15

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

MISSOURI BAPTIST MEDICAL CENTER

3015 N BALLAS RD
SAINT LOUIS, MO 63131

Medicare Hospital Provider Number: 260108

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,084	9	9 - 13	3,079	9	9 - 13
Cancer	100	35	31 - 54	105	36	30 - 53
Cerebrovascular Accidents	102	18	17 - 34	84	15	18 - 36
Gastrointestinal Catastrophes	18	28	14 - 58	16	44	19 - 67
Infectious Disease	23	30	17 - 56	23	35	17 - 57
Metabolic/Electrolyte Disorders	40	25	15 - 47	45	24	11 - 41
Pulmonary Disease	131	26	17 - 35	124	24	21 - 39
Renal Failure	19	42	16 - 71	8	13	15 - 75
Severe Acute Heart Disease	102	24	27 - 46	99	37	30 - 51
Severe Chronic Heart Disease	112	15	16 - 31	129	21	17 - 32
Severe Trauma	6	17	6 - 70	5	0	14 - 71
Gastrointestinal Disease	208	1	1 - 6	208	4	1 - 8
Gynecologic Disease	27	0	0 - 99	37	0	0 -100
Low-Risk Heart Disease	572	2	2 - 5	554	2	2 - 5
Musculoskeletal/Skin Conditions	300	2	1 - 6	318	2	1 - 5
Neuropsychiatric/Sensory Disease	143	3	0 - 10	196	3	0 - 10
Urologic Disease	149	1	0 - 6	143	0	1 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	406
Occupancy Rate (%):	64
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	153
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	0
Registered Nurses:	336
Licensed Practical Nurses:	24

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MISSOURI DELTA MEDICAL CENTER

1008 NORTH MAIN ST
SIKESTON, MO 63801

Medicare Hospital Provider Number: 260113

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,273	16	10 - 16	1,412	16	10 - 15
Cancer	41	44	24 - 56	46	43	27 - 58
Cerebrovascular Accidents	62	27	16 - 40	71	34	17 - 40
Gastrointestinal Catastrophes	13	31	9 - 60	10	30	14 - 69
Infectious Disease	20	55	16 - 60	18	44	16 - 62
Metabolic/Electrolyte Disorders	25	36	8 - 49	15	13	8 - 49
Pulmonary Disease	109	33	16 - 36	106	30	16 - 36
Renal Failure	9	56	16 - 80	9	78	17 - 79
Severe Acute Heart Disease	68	53	26 - 51	67	43	24 - 50
Severe Chronic Heart Disease	70	23	12 - 34	66	23	14 - 36
Severe Trauma	1	0	2 - 97	1	100	0 -100
Gastrointestinal Disease	95	0	1 - 6	123	5	0 - 13
Gynecologic Disease	16	0	0 -100	27	0	0 - 98
Low-Risk Heart Disease	114	4	1 - 11	138	6	1 - 12
Musculoskeletal/Skin Conditions	73	3	0 - 14	57	5	0 - 25
Neuropsychiatric/Sensory Disease	23	0	0 - 71	35	6	0 - 63
Urologic Disease	61	2	0 - 44	73	3	0 - 27

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	165
Occupancy Rate (%):	58
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	57
Percent of Physicians Who Are Board Certified Specialists:	49
Interns and Residents:	0
Registered Nurses:	72
Licensed Practical Nurses:	70

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MOBERLY REGIONAL MED CTR

1515 UNION AVE
MOBERLY, MO 65270

Medicare Hospital Provider Number: 260074

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	906	12	9 - 15	1,023	12	9 - 15
Cancer	16	38	22 - 68	14	57	22 - 71
Cerebrovascular Accidents	32	31	14 - 46	34	26	17 - 48
Gastrointestinal Catastrophes	9	33	8 - 67	11	27	18 - 70
Infectious Disease	7	14	8 - 65	3	0	9 - 82
Metabolic/Electrolyte Disorders	10	0	6 - 45	36	25	10 - 43
Pulmonary Disease	101	19	16 - 34	116	24	16 - 35
Renal Failure	2	50	5 - 94	6	33	10 - 81
Severe Acute Heart Disease	23	57	22 - 61	26	42	24 - 61
Severe Chronic Heart Disease	40	20	13 - 39	54	28	15 - 40
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	75	0	1 - 8	84	4	0 - 14
Gynecologic Disease	9	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	89	6	1 - 14	113	2	1 - 8
Musculoskeletal/Skin Conditions	106	1	0 - 8	136	4	1 - 10
Neuropsychiatric/Sensory Disease	32	9	0 - 57	36	0	1 - 15
Urologic Disease	41	0	0 - 50	33	3	0 - 44

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	110
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	2
Registered Nurses:	48
Licensed Practical Nurses:	22

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

NEVADA CITY HOSP

600 SOUTH ASH
NEVADA, MO 64772

Medicare Hospital Provider Number: 260061

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	587	14	10 - 16	563	17	10 - 18
Cancer	14	21	15 - 60	10	70	25 - 79
Cerebrovascular Accidents	29	28	12 - 45	26	54	12 - 50
Gastrointestinal Catastrophes	2	50	2 - 92	3	67	2 - 87
Infectious Disease	4	25	2 - 81	5	40	8 - 80
Metabolic/Electrolyte Disorders	24	21	12 - 49	19	5	10 - 42
Pulmonary Disease	54	30	15 - 41	57	26	14 - 39
Renal Failure	3	67	10 - 92	1	100	2 -100
Severe Acute Heart Disease	27	37	20 - 56	33	52	27 - 61
Severe Chronic Heart Disease	39	31	12 - 41	34	29	11 - 42
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	51	8	0 - 27	51	2	0 - 20
Gynecologic Disease	7	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	55	5	0 - 24	70	1	1 - 11
Musculoskeletal/Skin Conditions	41	5	0 - 46	34	3	0 - 37
Neuropsychiatric/Sensory Disease	21	0	0 - 68	20	0	0 - 89
Urologic Disease	38	3	0 - 82	21	5	0 - 95

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	97
Occupancy Rate (%):	39
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	16
Percent of Physicians Who Are Board Certified Specialists:	88
Interns and Residents:	0
Registered Nurses:	40
Licensed Practical Nurses:	20

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NOLL MEM HOSP

HIGHWAY 69 AND 136
BETHANY, MO 64424

Medicare Hospital Provider Number: 260109

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	234	13	12 - 22	204	14	11 - 21
Cancer	4	50	14 - 89	2	100	3 - 88
Cerebrovascular Accidents	12	33	9 - 60	5	40	7 - 78
Gastrointestinal Catastrophes	0	-	-	1	100	3 - 98
Infectious Disease	0	-	-	1	0	1 - 97
Metabolic/Electrolyte Disorders	2	50	1 - 93	4	25	7 - 81
Pulmonary Disease	27	11	16 - 43	14	14	9 - 50
Renal Failure	1	100	1 - 97	0	-	-
Severe Acute Heart Disease	15	47	26 - 73	23	48	23 - 63
Severe Chronic Heart Disease	18	28	14 - 55	7	29	5 - 68
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	16	0	0 - 58	14	0	0 - 67
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	35	3	1 - 21	33	3	1 - 25
Musculoskeletal/Skin Conditions	9	0	0 -100	13	0	0 - 96
Neuropsychiatric/Sensory Disease	6	0	0 - 97	5	0	0 -100
Urologic Disease	6	0	0 -100	9	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	37
Occupancy Rate (%):	19
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NORMANDY OSTEO HOSP-NORTH

7840 NATURAL BRIDGE RD
NORMANDY, MO 63121

Medicare Hospital Provider Number: 260033

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	909	18	11 - 17	1,105	19	12 - 17
Cancer	13	46	21 - 72	37	57	28 - 62
Cerebrovascular Accidents	50	38	14 - 42	62	39	14 - 40
Gastrointestinal Catastrophes	7	29	10 - 72	8	63	12 - 73
Infectious Disease	14	50	12 - 63	26	65	20 - 58
Metabolic/Electrolyte Disorders	28	39	17 - 56	31	26	10 - 45
Pulmonary Disease	72	32	15 - 38	82	26	15 - 37
Renal Failure	4	100	16 - 84	5	40	15 - 90
Severe Acute Heart Disease	47	49	25 - 55	67	48	27 - 52
Severe Chronic Heart Disease	56	16	13 - 34	72	18	14 - 33
Severe Trauma	7	29	5 - 70	4	100	6 - 72
Gastrointestinal Disease	60	7	0 - 24	76	5	0 - 23
Gynecologic Disease	12	0	0 -100	17	0	0 -100
Low-Risk Heart Disease	77	1	0 - 11	78	3	1 - 12
Musculoskeletal/Skin Conditions	95	3	0 - 13	118	7	0 - 21
Neuropsychiatric/Sensory Disease	20	0	0 - 32	18	11	0 - 55
Urologic Disease	33	9	0 - 96	38	0	0 - 64

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	258
Occupancy Rate (%):	56
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	177
Percent of Physicians Who Are Board Certified Specialists:	51
Interns and Residents:	42
Registered Nurses:	196
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NORMANDY OSTEO HOSP-SOUTH

530 DES PERES AT DOUGHERTY FER
SAINT LOUIS, MO 63131

Medicare Hospital Provider Number: 260176

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	823	16	10 - 16	771	11	9 - 15
Cancer	23	52	24 - 65	24	38	22 - 61
Cerebrovascular Accidents	44	14	16 - 38	29	10	17 - 43
Gastrointestinal Catastrophes	9	67	18 - 76	2	0	2 - 89
Infectious Disease	17	41	11 - 58	15	53	19 - 68
Metabolic/Electrolyte Disorders	13	38	10 - 62	9	22	5 - 62
Pulmonary Disease	65	40	22 - 48	53	25	15 - 41
Renal Failure	4	75	8 - 84	3	67	7 - 90
Severe Acute Heart Disease	16	63	19 - 65	20	45	20 - 62
Severe Chronic Heart Disease	37	30	14 - 44	35	29	10 - 41
Severe Trauma	2	50	1 - 92	4	25	3 - 80
Gastrointestinal Disease	49	6	0 - 36	61	2	1 - 13
Gynecologic Disease	7	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	76	1	1 - 10	72	6	1 - 17
Musculoskeletal/Skin Conditions	93	2	0 - 12	78	0	0 - 10
Neuropsychiatric/Sensory Disease	39	8	0 - 56	45	0	0 - 19
Urologic Disease	28	4	0 - 79	24	0	0 - 90

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	167
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	10
Registered Nurses:	81
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

Normandy Osteopathic Hospitals

7840 Natural Bridge
St. Louis, Missouri 63121
314-389-0015

October 20, 1988

Sandra Kappert
C/O Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, MD 21207

Dear Ms. Kappert:

Following review of our Medicare Hospital Mortality information of 1987, some discrepancies were noted in your data as it applied to our North facility on Natural Bridge.

Consistent with your criteria that considers multiple hospitalizations of a patient as one, a total of 314 medicare patients were treated for diseases which could not be grouped into the 16 diagnostic categories. Of these, 46 or 15% became mortality statistics.

The total number of cancer patients was 22 instead of 13 with an actual rate of 68%, cerebrovascular accidents 51 cases, 39% actual; gastrointestinal catastrophes 8 cases, 38% actual; infectious disease 15 cases, 53% actual; pulmonary disease 73 cases, 33% actual; and severe chronic heart disease 58 cases, 19% actual.

Although you state that consumers should not use the published mortality information as a quality of care indicator, the reverse is true in actuality. I feel that you should detail to the public more specifically the all causes category.

The analytical methodology has apparently been refined over the 1986 data. However, I do not believe case mix information can incorporate the true significance of socio-economic, educational background, genetic traits, community standards, methods of accessing the availability of medical care, and the constraints placed on practicing physicians by the "system" when used to predict mortality.

Sincerely,

Mary K. Bruns, D.O.
Professional Director, UR/QA

MKB:de

NORTH KANSAS CITY HOSPITAL

2800 HOSPITAL DR
NORTH KANSAS CITY, MO 64116

Medicare Hospital Provider Number: 260096

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,325	11	10 - 14	2,257	10	10 - 14
Cancer	91	42	29 - 53	83	35	30 - 55
Cerebrovascular Accidents	72	22	17 - 38	65	18	18 - 39
Gastrointestinal Catastrophes	17	35	18 - 64	20	35	18 - 61
Infectious Disease	27	37	18 - 56	36	39	22 - 57
Metabolic/Electrolyte Disorders	29	10	5 - 37	19	11	6 - 43
Pulmonary Disease	112	20	19 - 37	91	20	20 - 40
Renal Failure	9	56	13 - 78	14	43	13 - 72
Severe Acute Heart Disease	89	39	29 - 51	82	39	31 - 53
Severe Chronic Heart Disease	134	20	15 - 31	107	19	17 - 34
Severe Trauma	3	33	1 - 88	6	17	5 - 70
Gastrointestinal Disease	207	2	1 - 7	167	1	1 - 6
Gynecologic Disease	16	0	0 -100	17	6	0 -100
Low-Risk Heart Disease	313	3	2 - 7	308	3	2 - 6
Musculoskeletal/Skin Conditions	226	2	1 - 6	237	3	1 - 7
Neuropsychiatric/Sensory Disease	63	3	0 - 20	91	1	1 - 9
Urologic Disease	109	1	0 - 14	115	0	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	326
Occupancy Rate (%):	66
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	291
Percent of Physicians Who Are Board Certified Specialists:	56
Interns and Residents:	0
Registered Nurses:	334
Licensed Practical Nurses:	54

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

OAK HILL OSTEO HOSP

932 E 34TH ST
JOPLIN, MO 64801

Medicare Hospital Provider Number: 260137

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%
All Cases	866	14	7 - 13	853	15	8 - 14
Cancer	11	55	13 - 67	18	72	20 - 62
Cerebrovascular Accidents	28	21	14 - 46	25	44	12 - 50
Gastrointestinal Catastrophes	10	50	11 - 69	7	14	8 - 66
Infectious Disease	10	30	9 - 64	5	40	7 - 79
Metabolic/Electrolyte Disorders	14	36	5 - 57	17	47	4 - 55
Pulmonary Disease	55	49	16 - 44	71	32	15 - 39
Renal Failure	2	50	3 - 93	2	50	3 - 93
Severe Acute Heart Disease	14	21	14 - 58	26	46	21 - 59
Severe Chronic Heart Disease	49	22	11 - 35	33	24	8 - 39
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	61	5	0 - 27	58	3	0 - 30
Gynecologic Disease	3	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	143	5	1 - 10	135	3	1 - 9
Musculoskeletal/Skin Conditions	89	0	1 - 7	88	5	0 - 21
Neuropsychiatric/Sensory Disease	35	3	0 - 57	28	0	0 - 23
Urologic Disease	30	3	0 - 98	40	0	0 - 37

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	105
Occupancy Rate (%):	53
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	37
Percent of Physicians Who Are Board Certified Specialists:	43
Interns and Residents:	5
Registered Nurses:	76
Licensed Practical Nurses:	32

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

oak
hill
hospital

34th & Indiana • Joplin, MO 64804 • 417-623-4640

October 21, 1988 Provider # 26-0137

William L. Roper, M.D.
Administrator
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

The staff of Oak Hill Hospital have reviewed the HCFA Mortality Data for 1987. Our hospital exceeded the expected mortality rate by nine-tenths of one percent. As we noted in the report for 1986 the other category comprising 35% of the total patients does not have a predicted range of mortalities. Due to this fact the hospital exceeds the predicted rate.

It would appear that if there is not a predicted range for these diagnostic groups then they should be excluded from the statistics. Additionally, they are included in the hospital's overall mortality rate without any detail to support the calculations. Based on the statistics for the 16 predicted classes the other class could have a predicted rate of zero and the hospital would have fallen within the predicted range.

We at Oak Hill Hospital have a concern for quality of patient care as does HCFA. However, the publication of skewed data does not facilitate the consumer in making an informed decision regarding quality of care.

I have included a list of additional patients admitted to the hospital but were omitted from the Mortality Statistics. Please review the list and correct the statistics for our hospital. Based on the additional patients listed the hospital had a predicted mortality rate of 11.7% as opposed to the rate of 13.9% per the HCFA statistics. Please correct your statistics prior to publication of the Mortality Data.

We appreciate the opportunity to comment on the Mortality Data and are committed to assisting HCFA in publishing in the most accurate data possible.

Sincerely,

Keith Adams

Keith Adams
Administrator

Oak Hill Hospital is an equal opportunity/affirmative action employer providing services on a nondiscriminatory basis

OZARKS MEDICAL CENTER

1103 ALASKA AVE
WEST PLAINS, MO 65775

Medicare Hospital Provider Number: 260078

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,399	14	10 - 15	1,120	14	9 - 14
Cancer	39	38	24 - 56	29	34	24 - 60
Cerebrovascular Accidents	48	25	16 - 41	43	30	15 - 44
Gastrointestinal Catastrophes	6	83	22 - 84	5	40	7 - 79
Infectious Disease	15	40	15 - 63	14	36	15 - 64
Metabolic/Electrolyte Disorders	18	44	14 - 60	9	44	8 - 68
Pulmonary Disease	80	34	18 - 41	75	21	14 - 35
Renal Failure	5	20	14 - 85	5	60	9 - 84
Severe Acute Heart Disease	83	47	28 - 52	48	46	24 - 53
Severe Chronic Heart Disease	64	22	13 - 35	43	30	10 - 38
Severe Trauma	0	-	-	1	100	0 - 98
Gastrointestinal Disease	113	4	1 - 11	91	3	1 - 12
Gynecologic Disease	11	0	0 -100	19	0	0 -100
Low-Risk Heart Disease	183	3	1 - 8	149	5	1 - 10
Musculoskeletal/Skin Conditions	111	2	1 - 9	107	3	0 - 16
Neuropsychiatric/Sensory Disease	73	7	0 - 20	39	3	0 - 25
Urologic Disease	82	1	0 - 11	48	4	0 - 45

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	103
Occupancy Rate (%):	75
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	62
Percent of Physicians Who Are Board Certified Specialists:	39
Interns and Residents:	0
Registered Nurses:	72
Licensed Practical Nurses:	81

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PARK LANE MEDICAL CENTER

5151 RAYTOWN ROAD
KANSAS CITY, MO 64133

Medicare Hospital Provider Number: 260188

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	576	12	8 - 15	614	8	7 - 12
Cancer	11	27	11 - 63	12	58	19 - 71
Cerebrovascular Accidents	25	24	12 - 46	15	20	11 - 53
Gastrointestinal Catastrophes	5	20	6 - 75	3	0	8 - 81
Infectious Disease	3	0	3 - 79	3	33	2 - 87
Metabolic/Electrolyte Disorders	4	25	2 - 80	11	27	3 - 61
Pulmonary Disease	28	32	15 - 51	20	20	4 - 44
Renal Failure	1	0	1 - 97	1	0	1 - 97
Severe Acute Heart Disease	26	46	25 - 63	18	56	23 - 66
Severe Chronic Heart Disease	29	21	9 - 40	23	9	10 - 38
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	38	3	0 - 28	45	2	0 - 20
Gynecologic Disease	11	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	67	3	1 - 13	70	1	1 - 11
Musculoskeletal/Skin Conditions	60	0	1 - 9	99	2	0 - 14
Neuropsychiatric/Sensory Disease	11	9	0 -100	18	0	0 - 83
Urologic Disease	27	0	0 - 38	23	0	0 - 49

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	54
Occupancy Rate (%):	79
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	107
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	44
Licensed Practical Nurses:	32

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PEMISCOT CO MEM HOSP

HWY 61 AND LEE-BOX 489
HAYTI, MO 63851

Medicare Hospital Provider Number: 260070

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	453	17	10 - 17	625	13	11 - 17
Cancer	7	71	10 - 72	10	80	24 - 75
Cerebrovascular Accidents	40	47	15 - 47	52	31	18 - 45
Gastrointestinal Catastrophes	1	0	2 - 97	2	50	1 - 94
Infectious Disease	3	67	6 - 87	7	29	11 - 73
Metabolic/Electrolyte Disorders	7	29	2 - 71	19	5	6 - 38
Pulmonary Disease	36	17	12 - 39	50	30	15 - 42
Renal Failure	2	100	6 - 91	10	60	15 - 78
Severe Acute Heart Disease	21	43	19 - 60	28	39	23 - 59
Severe Chronic Heart Disease	32	25	10 - 41	47	11	14 - 34
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	42	2	0 - 33	40	0	0 - 16
Gynecologic Disease	2	0	0 -100	0	-	-
Low-Risk Heart Disease	39	8	0 - 35	57	2	1 - 14
Musculoskeletal/Skin Conditions	24	0	0 - 79	34	0	0 - 36
Neuropsychiatric/Sensory Disease	8	0	0 -100	11	0	0 - 99
Urologic Disease	19	0	0 - 70	49	2	0 - 19

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	175
Occupancy Rate (%):	55
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	35
Percent of Physicians Who Are Board Certified Specialists:	51
Interns and Residents:	0
Registered Nurses:	28
Licensed Practical Nurses:	24

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PERRY CO MEM HOSP

434 N WEST ST
PERRYVILLE, MO 63775

Medicare Hospital Provider Number: 260082

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	418	18	13 - 21	415	16	13 - 21
Cancer	6	33	13 - 79	5	80	17 - 83
Cerebrovascular Accidents	50	24	17 - 42	35	20	18 - 46
Gastrointestinal Catastrophes	2	50	7 - 95	3	67	4 - 86
Infectious Disease	0	-	-	1	0	0 - 99
Metabolic/Electrolyte Disorders	5	20	2 - 76	5	20	2 - 75
Pulmonary Disease	75	36	19 - 43	72	21	19 - 41
Renal Failure	3	100	18 - 95	2	100	11 - 97
Severe Acute Heart Disease	17	29	19 - 62	23	48	25 - 65
Severe Chronic Heart Disease	28	29	10 - 44	26	23	11 - 44
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	32	6	0 - 33	39	10	0 - 48
Gynecologic Disease	5	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	44	2	0 - 23	45	2	1 - 16
Musculoskeletal/Skin Conditions	29	0	0 - 42	31	3	0 - 31
Neuropsychiatric/Sensory Disease	2	0	0 -100	3	0	0 -100
Urologic Disease	19	0	0 - 47	19	0	0 - 43

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	55
Occupancy Rate (%):	36
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	11
Percent of Physicians Who Are Board Certified Specialists:	27
Interns and Residents:	0
Registered Nurses:	22
Licensed Practical Nurses:	11

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEMBER
Missouri Hospital Association
J.C.A.H. Approved

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PERRY COUNTY
MEMORIAL HOSPITAL
North West Street
Perryville, Missouri 63775-1398
(314) 547-2536

"An Equal Opportunity Employer"
"Services are provided on a non-discriminatory basis."

October 14, 1988

Attention: Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-0-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

On behalf of the personnel at Perry County Memorial Hospital, I want to first express my appreciation for the opportunity to respond to the report published by the Health Care Financing Administration. While much time is expended in compiling the publication, occasionally a interpretive matter may result in slight inaccuracies in the final report. Because such an inaccuracy, in our opinion occurred in the recent report of our hospital, we appreciate the opportunity to qualify and correct the report.

In particular, the report issued by HCFA indicated a 100% mortality rate for the category of renal failure. Upon review of the cases within that category by members of our medical staff and utilization review committee, it was definitely determined that the elderly patient in question did not expire while within the hospital and that the cause of death was cerebrovascular accident, in lieu of renal failure. Accordingly, the mortality rate for the hospital would accurately be 66%, and not the reported 100%. According to Medicare's own range of acceptability, 66% falls well within the acceptable range.

With this correction, I would like to add that the hospital falls well within acceptable ranges of mortality rates in all other diagnoses reviewed, which lends credence to the reality of the efforts by our personnel and medical staff to provide quality medical care to the community we diligently serve.

Page 2
Mrs. Sandra Kappert
October 14, 1988

In closing, I wish also to commend the administration on improving the accuracy of the report over the last two years and further encourage efforts at publishing information which better represents true indicators of quality health care. Again our thanks for the opportunity to respond.

Sincerely,

Patrick G. Bira

Patrick G. Bira
Administrator

PERSHING MEM HOSP

130 E LOCKLING
BROOKFIELD, MO 64628

Medicare Hospital Provider Number: 260079

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	338	14	10 - 18	341	12	11 - 19
Cancer	5	60	10 - 81	6	67	23 - 89
Cerebrovascular Accidents	23	30	11 - 49	15	20	11 - 53
Gastrointestinal Catastrophes	1	0	2 - 97	4	50	3 - 82
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	3	33	0 - 92	2	50	1 - 92
Pulmonary Disease	39	13	13 - 38	48	21	17 - 42
Renal Failure	2	50	7 - 97	1	0	1 - 97
Severe Acute Heart Disease	16	56	20 - 66	20	60	23 - 65
Severe Chronic Heart Disease	30	27	12 - 44	16	13	7 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	18	6	0 - 60	22	5	1 - 35
Gynecologic Disease	3	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	32	3	0 - 38	40	0	1 - 13
Musculoskeletal/Skin Conditions	42	0	0 - 18	34	6	0 - 52
Neuropsychiatric/Sensory Disease	8	0	0 -100	6	0	0 -100
Urologic Disease	15	0	0 -100	16	0	1 - 34

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	52
Occupancy Rate (%):	27
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	9
Percent of Physicians Who Are Board Certified Specialists:	11
Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

pershing
memorial
hospital — P.O. BOX 408
130 EAST LOCKLING
BROOKFIELD, MISSOURI 64628 — TELEPHONE 816-258-2222

DON SIPES
Administrator

October 3, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulivard
Baltimore, MD 21207

Dear Mrs. Kappert

After review of the Medicare hospital mortality information for Pershing Memorial Hospital (I.D. No. 260079), I find there is an error in the number of beds listed for the facility. The hospital is licensed for fifty-seven beds rather than forty-seven as indicated on the data sheet.

Thank you for the opportunity to review and comment.

Sincerely,

Don Sipes

Don Sipes
Administrator

DS/ls

PHELPS CO REG MED CTR

1000 W 10TH ST
ROLLA, MO 65401

Medicare Hospital Provider Number: 260017

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,402	15	11 - 16	1,434	12	10 - 15
Cancer	40	42	28 - 60	32	28	22 - 55
Cerebrovascular Accidents	89	27	19 - 39	87	24	19 - 39
Gastrointestinal Catastrophes	12	42	14 - 67	12	58	14 - 67
Infectious Disease	26	46	19 - 58	31	19	20 - 52
Metabolic/Electrolyte Disorders	17	29	6 - 53	18	28	6 - 51
Pulmonary Disease	125	26	18 - 37	119	27	14 - 34
Renal Failure	8	38	14 - 80	6	17	13 - 80
Severe Acute Heart Disease	79	44	28 - 51	42	36	24 - 54
Severe Chronic Heart Disease	46	22	13 - 38	58	12	15 - 34
Severe Trauma	2	0	0 - 93	1	100	0 - 97
Gastrointestinal Disease	71	3	1 - 13	96	6	0 - 17
Gynecologic Disease	29	0	0 -100	27	0	0 -100
Low-Risk Heart Disease	159	4	1 - 9	182	2	1 - 7
Musculoskeletal/Skin Conditions	110	5	1 - 12	107	2	0 - 10
Neuropsychiatric/Sensory Disease	37	8	0 - 75	31	3	0 - 68
Urologic Disease	73	1	1 - 11	70	6	0 - 19

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	200
Occupancy Rate (%):	73
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	60
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	71
Licensed Practical Nurses:	66

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PIKE CO MEM HOSP

2305 W GEORGIA
LOUISIANA, MO 63353

Medicare Hospital Provider Number: 260127

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	416	16	11 - 19	388	19	10 - 19
Cancer	8	75	17 - 75	11	82	19 - 67
Cerebrovascular Accidents	18	33	11 - 53	25	44	11 - 50
Gastrointestinal Catastrophes	3	33	8 - 89	2	50	1 - 93
Infectious Disease	1	0	0 - 98	8	50	7 - 70
Metabolic/Electrolyte Disorders	4	50	3 - 82	1	0	0 -100
Pulmonary Disease	43	19	18 - 44	35	17	17 - 45
Renal Failure	0	-	-	1	100	2 - 97
Severe Acute Heart Disease	25	64	25 - 62	24	38	23 - 61
Severe Chronic Heart Disease	26	42	11 - 48	21	33	8 - 49
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	40	2	1 - 20	27	11	0 - 70
Gynecologic Disease	3	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	58	2	1 - 12	42	7	1 - 28
Musculoskeletal/Skin Conditions	24	0	0 - 32	24	8	0 - 91
Neuropsychiatric/Sensory Disease	10	0	0 - 73	9	0	0 -100
Urologic Disease	22	9	0 - 86	22	5	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	44
Occupancy Rate (%):	46
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	14
Percent of Physicians Who Are Board Certified Specialists:	29
Interns and Residents:	0
Registered Nurses:	27
Licensed Practical Nurses:	18

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

POPLAR BLUFF HOSP

215 OAK ST
POPLAR BLUFF, MO 63901

Medicare Hospital Provider Number: 260121

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	17	12	4 - 41	154	15	11 - 23
Cancer	0	-	-	6	67	22 - 88
Cerebrovascular Accidents	1	0	1 - 97	6	33	9 - 75
Gastrointestinal Catastrophes	0	-	-	1	100	3 - 99
Infectious Disease	2	0	6 - 89	3	67	6 - 87
Metabolic/Electrolyte Disorders	1	0	0 -100	5	0	1 - 72
Pulmonary Disease	0	-	-	17	24	12 - 53
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	100	0 - 97	11	55	21 - 74
Severe Chronic Heart Disease	0	-	-	6	17	1 - 72
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	8	0	0 - 91
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	5	0	0 - 97	31	3	1 - 26
Musculoskeletal/Skin Conditions	1	0	0 -100	15	0	0 - 87
Neuropsychiatric/Sensory Disease	2	0	0 -100	2	0	0 -100
Urologic Disease	0	-	-	5	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	60
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

PUTNAM CO MEM HOSP

1926 OAK ST
UNIONVILLE, MO 63565

Medicare Hospital Provider Number: 260128

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	138	24	12 - 27	162	10	10 - 21
Cancer	3	67	7 - 88	0	-	-
Cerebrovascular Accidents	8	25	17 - 73	7	0	10 - 55
Gastrointestinal Catastrophes	1	0	0 - 98	2	0	0 - 93
Infectious Disease	1	0	0 - 99	1	100	2 - 97
Metabolic/Electrolyte Disorders	4	50	0 - 89	7	0	5 - 54
Pulmonary Disease	15	40	11 - 59	14	21	12 - 56
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	16	69	20 - 64	12	25	20 - 68
Severe Chronic Heart Disease	13	15	7 - 50	11	9	7 - 50
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	4	0	0 -100	8	0	1 - 57
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	16	6	0 - 93	14	7	0 - 54
Musculoskeletal/Skin Conditions	9	0	0 - 71	11	0	0 - 99
Neuropsychiatric/Sensory Disease	1	0	0 -100	5	0	0 -100
Urologic Disease	3	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	30
Occupancy Rate (%):	57
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	12
Percent of Physicians Who Are Board Certified Specialists:	58
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

RAY CO MEM HOSP

RT 4 BOX 45
RICHMOND, MO 64085

Medicare Hospital Provider Number: 260122

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	324	16	12 - 21	351	16	12 - 20
Cancer	11	55	18 - 72	13	62	23 - 73
Cerebrovascular Accidents	22	14	13 - 44	22	18	16 - 50
Gastrointestinal Catastrophes	2	50	2 - 92	0	-	-
Infectious Disease	4	25	5 - 80	3	0	4 - 79
Metabolic/Electrolyte Disorders	11	0	13 - 48	10	10	8 - 55
Pulmonary Disease	42	36	20 - 50	43	33	18 - 47
Renal Failure	2	100	6 - 91	3	100	14 - 89
Severe Acute Heart Disease	9	44	22 - 80	9	56	15 - 73
Severe Chronic Heart Disease	18	39	6 - 51	17	35	8 - 53
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	24	0	0 - 33	27	0	0 - 23
Gynecologic Disease	2	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	37	3	0 - 24	36	0	1 - 15
Musculoskeletal/Skin Conditions	16	0	0 - 72	24	4	0 - 58
Neuropsychiatric/Sensory Disease	4	0	0 -100	7	0	0 - 93
Urologic Disease	14	0	0 - 65	18	0	0 - 41

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	54
Occupancy Rate (%):	41
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	38
Interns and Residents:	0
Registered Nurses:	23
Licensed Practical Nurses:	16

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

RESEARCH MED CTR

2316 E MEYER BLVD
KANSAS CITY, MO 64132

Medicare Hospital Provider Number: 260027

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,094	11	11 - 14	4,109	10	10 - 14
Cancer	226	39	36 - 55	204	27	35 - 54
Cerebrovascular Accidents	154	24	18 - 34	152	20	19 - 35
Gastrointestinal Catastrophes	35	26	19 - 53	24	42	15 - 56
Infectious Disease	42	31	24 - 55	41	24	25 - 56
Metabolic/Electrolyte Disorders	31	23	9 - 44	32	19	8 - 41
Pulmonary Disease	161	23	20 - 37	162	26	18 - 35
Renal Failure	38	26	7 - 56	45	18	11 - 59
Severe Acute Heart Disease	135	30	30 - 48	130	39	29 - 49
Severe Chronic Heart Disease	166	22	17 - 31	149	26	17 - 33
Severe Trauma	7	29	10 - 73	7	0	13 - 60
Gastrointestinal Disease	289	2	1 - 6	261	3	2 - 7
Gynecologic Disease	65	2	0 - 90	46	0	0 - 99
Low-Risk Heart Disease	476	3	2 - 6	441	3	2 - 6
Musculoskeletal/Skin Conditions	505	2	1 - 5	519	1	1 - 4
Neuropsychiatric/Sensory Disease	117	2	1 - 9	135	3	1 - 10
Urologic Disease	142	4	1 - 10	177	0	1 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	476
Occupancy Rate (%):	65
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	363
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	461
Licensed Practical Nurses:	106

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	Yes
Hospice Care:	No

Research Medical Center

2316 East Meyer Boulevard
Kansas City, Missouri 64132

816/276-4000

Hospital ID - #260027 - RESEARCH MEDICAL CENTER

October 13, 1988

William L. Roper, M.D., Administrator
c/o Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

Research Medical Center maintains a proud tradition of providing quality care to all of the patients we serve. In order to ensure the highest level of quality, we maintain a host of programs that monitor and evaluate the care given at our institutions. Examples of those programs would include our quality assurance program, utilization review function, and continued accreditation with the JCAHO. While Research Medical Center compares favorably to the predicted ranges published by HCFA, we feel the need to comment on this data being used as a mechanism to measure quality of care.

Our commitment at Research Medical Center expands beyond our walls to the community we serve. As a tertiary referral center, we have several programs in place to serve our outlying rural communities in the most appropriate setting. Within Research Medical Center we have concentrated these programs into four clinical centers of excellence, namely, The Center for Neoplastic Diseases, The Center of Cardiovascular and Pulmonary Diseases, The Center for Renal Diseases, and The Center for Neurological, Orthopedic, and Rhumatoid Diseases. This approach leads to a large volume of admissions to Research Medical Center of severely ill patients, which have both higher mortality and morbidity rates.

The Medicare Hospital Mortality Report provides some information on adjusted average mortality rates for those patients served by the Medicare Insurance Program. It does not provide adequate information to make judgements about any institutions. The data attempts to predict ranges for average mortality rates in given categories. While this statistical model does include several variables (some that have been added since the last publication) there are several variables still missing. These are no adjustments for severity of illness, including such items as patient status upon admission or discharge. Without such adjustments, the information merely shows variation from national averages. While we recognize that HCFA is gathering information about the usage of severity systems, no information has yet been provided.

In attempting to verify the data provided by HCFA with our internal data, it appears that 9% of the discharges (as defined by HCFA) are missing. While it is possible that the patients were subsequently discharged from another institution, the number appears quite high for that to explain the entire variance. Another discrepancy in the data is the 1986 volumes. The current publication shows the number of discharges for 1986 as increasing 2% from the last publication of data.

The general information listed from the AHA Survey is incorrect on the draft we received. The Research Belton Hospital is an operating division of Research Medical Center and this data should be included with the Medical Center as we share a common hospital ID number. The corrected information (including Research Belton Hospital) is as follows:

	1986	1987
AHA SURVEY:		
Bed (#)	517	505
Occupancy Rate (%)	67	67
STAFFING:		
Total Number of Physicians	341	363
Percent of Physicians Who Are Board Certified Specialists	70	69
Interns and Residents Per Bed	.05	.04
Registered Nurses Per Bed	.87	.97
Licensed Practical Nurses Per Bed	.30	.23
SPECIALTY SERVICES:		
Shock/Trauma or Burn Unit	Yes	Yes
Coronary Care Unit	No	Yes
Organ Transplant Service	Yes	Yes
Hospice Care	No	No

Although several category definitions have been changed to provide for a more homogeneous group of discharges, the dispersion in several groups is significantly broad. This would appear to be due to the low number of discharges and the high variations among those discharges. This provides a range to which there is a low confidence level.

We support efforts to measure quality of care. We also recognize that HCFA is attempting to work toward that goal for the Medicare population. We strongly encourage that future publications of data, however, be presented in a format that recognizes quality indicators as opposed to statistical indicators of a group of patients.

Sincerely,

Richard W. Brown, President
Research Medical Center

REYNOLDS CO GEN MEM HOSPITAL

PO BOX 250 HWY 21 S
ELLINGTON, MO 63638

Medicare Hospital Provider Number: 260189

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	81	25	10 - 30	55	25	8 - 31
Cancer	1	100	2 - 97	0	-	-
Cerebrovascular Accidents	2	50	3 - 92	5	40	6 - 77
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	2	50	2 - 92	1	0	1 - 97
Metabolic/Electrolyte Disorders	2	100	3 - 88	0	-	-
Pulmonary Disease	16	19	9 - 50	6	50	5 - 74
Renal Failure	3	100	17 - 93	0	-	-
Severe Acute Heart Disease	4	25	9 - 83	6	67	7 - 73
Severe Chronic Heart Disease	6	50	3 - 74	1	100	3 - 99
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	6	17	0 - 89	1	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	5	0	0 -100	6	0	0 -100
Musculoskeletal/Skin Conditions	4	25	0 - 96	2	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	29
Occupancy Rate (%):	14
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

RIPLEY COUNTY MEM HOSP

GRAND AND PLUM STREET
DONIPHAN, MO 63935

Medicare Hospital Provider Number: 260080

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	134	35	12 - 29	180	26	10 - 23
Cancer	1	100	3 - 98	1	100	2 - 97
Cerebrovascular Accidents	9	44	6 - 66	12	17	10 - 55
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	0	2 - 97
Metabolic/Electrolyte Disorders	0	-	-	2	50	1 - 94
Pulmonary Disease	30	43	16 - 52	28	50	14 - 51
Renal Failure	1	100	2 - 98	2	50	5 - 94
Severe Acute Heart Disease	11	45	17 - 70	18	56	16 - 60
Severe Chronic Heart Disease	18	61	8 - 52	8	38	2 - 69
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	6	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	13	0	0 - 85	19	0	0 - 39
Musculoskeletal/Skin Conditions	3	0	0 -100	7	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	4	0	0 -100
Urologic Disease	0	-	-	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	28
Occupancy Rate (%):	32
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	14

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SAC-OSAGE HOSP

P O BOX 426
OSCEOLA, MO 64776

Medicare Hospital Provider Number: 260147

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	353	14	12 - 20	370	15	12 - 20
Cancer	1	100	2 - 98	7	43	21 - 85
Cerebrovascular Accidents	21	19	12 - 47	21	5	19 - 44
Gastrointestinal Catastrophes	5	20	6 - 75	2	0	1 - 91
Infectious Disease	11	55	19 - 73	5	20	23 - 90
Metabolic/Electrolyte Disorders	9	11	6 - 57	10	30	6 - 63
Pulmonary Disease	42	21	17 - 44	33	42	18 - 52
Renal Failure	4	25	7 - 84	2	0	5 - 90
Severe Acute Heart Disease	9	44	21 - 79	14	29	22 - 68
Severe Chronic Heart Disease	35	23	12 - 41	25	36	7 - 46
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	28	0	2 - 18	25	4	0 - 46
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	35	3	0 - 25	51	2	1 - 14
Musculoskeletal/Skin Conditions	44	5	1 - 20	34	3	0 - 34
Neuropsychiatric/Sensory Disease	13	0	0 -100	15	0	0 -100
Urologic Disease	5	0	0 -100	8	13	0 - 79

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	47
Occupancy Rate (%):	47
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	60
Interns and Residents:	0
Registered Nurses:	20
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SALE HOSP INC

113 W HICKORY
NEOSHO, MO 64850

Medicare Hospital Provider Number: 260053

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	695	15	10 - 17	744	14	10 - 16
Cancer	26	50	22 - 61	21	62	30 - 71
Cerebrovascular Accidents	28	25	13 - 46	35	31	14 - 46
Gastrointestinal Catastrophes	4	25	9 - 82	5	60	4 - 78
Infectious Disease	8	13	7 - 61	14	29	16 - 63
Metabolic/Electrolyte Disorders	13	31	10 - 60	5	0	2 - 66
Pulmonary Disease	63	27	20 - 44	71	27	14 - 37
Renal Failure	6	50	12 - 83	2	50	7 - 97
Severe Acute Heart Disease	27	59	23 - 60	30	57	21 - 56
Severe Chronic Heart Disease	37	24	11 - 40	35	26	16 - 46
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	67	3	1 - 15	79	3	1 - 12
Gynecologic Disease	6	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	91	3	1 - 12	92	3	2 - 11
Musculoskeletal/Skin Conditions	60	3	0 - 21	55	2	0 - 15
Neuropsychiatric/Sensory Disease	21	5	0 - 66	17	0	0 - 73
Urologic Disease	24	0	0 - 53	42	5	0 - 50

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	67
Occupancy Rate (%):	60
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	17
Percent of Physicians Who Are Board Certified Specialists:	76
Interns and Residents:	0
Registered Nurses:	22
Licensed Practical Nurses:	36

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SALEM MEMEMORIAL HOSPITAL DISTRICT

PO BOX 774 HIGHWAY 72 NORTH
SALEM, MO 65560

Medicare Hospital Provider Number: 260172

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	348	16	10 - 19	389	13	9 - 17
Cancer	4	75	12 - 85	2	50	3 - 92
Cerebrovascular Accidents	9	11	11 - 58	13	31	10 - 58
Gastrointestinal Catastrophes	4	50	9 - 85	5	40	5 - 78
Infectious Disease	6	17	7 - 70	1	0	0 - 98
Metabolic/Electrolyte Disorders	5	40	2 - 78	11	18	5 - 56
Pulmonary Disease	61	28	14 - 39	32	22	13 - 44
Renal Failure	1	100	0 -100	2	100	10 - 95
Severe Acute Heart Disease	15	53	19 - 66	22	32	24 - 62
Severe Chronic Heart Disease	24	25	11 - 46	20	25	10 - 49
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	29	0	0 - 26	25	4	0 - 45
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	34	0	0 - 22	63	5	0 - 21
Musculoskeletal/Skin Conditions	22	5	0 - 89	23	4	0 - 83
Neuropsychiatric/Sensory Disease	4	0	0 -100	12	0	0 - 93
Urologic Disease	17	6	0 - 52	16	13	0 - 74

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	39
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	11
Percent of Physicians Who Are Board Certified Specialists:	27
Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	15

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care	No

SAMARITAN MEM HOSP

N JACKSON ST PO BOX 217
MACON, MO 63552

Medicare Hospital Provider Number: 260100

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	331	11	10 - 18	340	19	12 - 21
Cancer	14	36	27 - 75	6	67	20 - 86
Cerebrovascular Accidents	10	10	9 - 54	13	15	12 - 55
Gastrointestinal Catastrophes	1	0	1 - 97	3	67	4 - 86
Infectious Disease	11	18	17 - 65	7	29	10 - 72
Metabolic/Electrolyte Disorders	4	25	1 - 83	4	0	6 - 71
Pulmonary Disease	30	27	10 - 43	28	36	16 - 52
Renal Failure	1	0	2 - 97	10	30	17 - 79
Severe Acute Heart Disease	22	23	20 - 56	21	43	19 - 60
Severe Chronic Heart Disease	16	6	9 - 41	19	32	10 - 52
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	32	0	0 - 19	20	15	0 - 87
Gynecologic Disease	7	0	0 -100	0	-	-
Low-Risk Heart Disease	37	0	1 - 15	53	6	1 - 22
Musculoskeletal/Skin Conditions	20	0	0 - 69	20	0	0 - 40
Neuropsychiatric/Sensory Disease	6	17	0 -100	11	9	0 - 98
Urologic Disease	15	7	0 - 99	8	0	0 - 98

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	27
Occupancy Rate (%):	56
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	20
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SCOTLAND CO MEM HOSP

SIGLER ST BOX 277
MEMPHIS, MO 63555

Medicare Hospital Provider Number: 260173

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	102	16	11 - 26	160	17	14 - 26
Cancer	0	-	-	1	0	2 - 97
Cerebrovascular Accidents	1	0	2 - 97	14	29	9 - 56
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	2	0	4 - 88
Metabolic/Electrolyte Disorders	2	0	0 - 95	5	0	2 - 66
Pulmonary Disease	13	15	10 - 53	29	24	16 - 49
Renal Failure	4	75	14 - 90	3	67	12 - 98
Severe Acute Heart Disease	11	27	22 - 72	13	54	20 - 70
Severe Chronic Heart Disease	7	29	7 - 69	7	0	8 - 53
Severe Trauma	1	100	0 - 97	0	-	-
Gastrointestinal Disease	1	0	0 -100	10	0	0 - 95
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	12	0	0 - 70	9	33	0 - 97
Musculoskeletal/Skin Conditions	5	0	0 -100	16	0	0 - 74
Neuropsychiatric/Sensory Disease	2	50	0 -100	4	0	0 -100
Urologic Disease	2	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	27
Occupancy Rate (%):	22
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	57
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SKAGGS COMM HOSP
CAHILL RD PO BOX 650
BRANSON, MO 65616

Medicare Hospital Provider Number: 260094

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	983	13	8 - 14	909	13	9 - 15
Cancer	22	64	23 - 64	19	68	30 - 72
Cerebrovascular Accidents	29	45	16 - 52	37	32	15 - 46
Gastrointestinal Catastrophes	9	0	10 - 50	6	50	5 - 75
Infectious Disease	9	11	12 - 61	9	22	21 - 75
Metabolic/Electrolyte Disorders	8	38	5 - 68	12	33	6 - 60
Pulmonary Disease	73	16	13 - 34	60	17	15 - 37
Renal Failure	3	33	7 - 89	2	0	5 - 90
Severe Acute Heart Disease	42	55	23 - 54	43	30	25 - 54
Severe Chronic Heart Disease	46	30	12 - 40	51	25	12 - 37
Severe Trauma	0	-	-	1	100	2 - 97
Gastrointestinal Disease	79	4	0 - 20	69	4	0 - 19
Gynecologic Disease	13	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	97	2	1 - 9	110	4	1 - 11
Musculoskeletal/Skin Conditions	135	2	0 - 9	109	4	0 - 12
Neuropsychiatric/Sensory Disease	36	11	0 - 47	38	0	0 - 16
Urologic Disease	31	0	0 - 26	27	4	0 - 60

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	95
Occupancy Rate (%):	59
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	25
Percent of Physicians Who Are Board Certified Specialists:	56
Interns and Residents:	0
Registered Nurses:	53
Licensed Practical Nurses:	25

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SOUTH BARRY CO MEM HOSP

87 GRAVEL ST
CASSVILLE, MO 65625

Medicare Hospital Provider Number: 260123

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	232	20	12 - 23	200	12	11 - 21
Cancer	2	100	10 - 93	1	100	2 - 97
Cerebrovascular Accidents	16	56	16 - 62	5	0	8 - 64
Gastrointestinal Catastrophes	1	100	2 - 97	1	100	1 - 97
Infectious Disease	1	100	0 - 97	1	100	3 - 98
Metabolic/Electrolyte Disorders	5	40	9 - 80	11	9	6 - 51
Pulmonary Disease	32	25	19 - 50	24	29	14 - 51
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	14	64	20 - 68	14	29	24 - 70
Severe Chronic Heart Disease	18	22	9 - 49	25	16	10 - 42
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	21	5	0 - 46	8	13	0 - 93
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	20	0	0 - 30	28	0	1 - 21
Musculoskeletal/Skin Conditions	15	0	0 - 80	15	0	0 - 61
Neuropsychiatric/Sensory Disease	9	0	0 - 94	10	10	0 -100
Urologic Disease	5	0	0 -100	2	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 18
Occupancy Rate (%): 44
Ownership/Control: District/Authority

STAFFING

Total Number of Physicians: 5
Percent of Physicians Who Are Board Certified Specialists: 60
Interns and Residents: 0
Registered Nurses: 6
Licensed Practical Nurses: 5

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

SOUTHEAST MISSOURI HOSP

1701 LACEY ST
CAPE GIRARDEAU, MO 63701

Medicare Hospital Provider Number: 260110

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,989	13	9 - 14	2,195	12	9 - 13
Cancer	91	56	30 - 55	105	48	30 - 54
Cerebrovascular Accidents	74	23	18 - 38	55	35	16 - 42
Gastrointestinal Catastrophes	16	38	16 - 64	18	44	18 - 64
Infectious Disease	14	50	16 - 66	10	60	18 - 74
Metabolic/Electrolyte Disorders	20	25	12 - 54	18	11	11 - 47
Pulmonary Disease	84	29	16 - 38	76	20	16 - 37
Renal Failure	6	33	10 - 81	8	25	15 - 80
Severe Acute Heart Disease	80	46	25 - 49	84	42	26 - 49
Severe Chronic Heart Disease	91	22	13 - 32	104	29	14 - 33
Severe Trauma	1	0	0 - 98	0	-	-
Gastrointestinal Disease	125	3	1 - 10	175	3	1 - 8
Gynecologic Disease	30	0	0 -100	50	0	0 - 89
Low-Risk Heart Disease	397	5	2 - 7	377	5	1 - 7
Musculoskeletal/Skin Conditions	113	4	0 - 14	131	2	1 - 7
Neuropsychiatric/Sensory Disease	96	1	0 - 11	105	1	0 - 9
Urologic Disease	166	1	0 - 7	174	1	1 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	264
Occupancy Rate (%):	54
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	117
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	0
Registered Nurses:	244
Licensed Practical Nurses:	70

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

SPELMAN MEM HOSP

P O BOX 289
SMITHVILLE, MO 64089

Medicare Hospital Provider Number: 260062

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	530	10	8 - 14	614	12	10 - 17
Cancer	11	55	18 - 72	20	50	20 - 64
Cerebrovascular Accidents	26	15	17 - 47	43	33	18 - 46
Gastrointestinal Catastrophes	4	25	4 - 80	2	0	4 - 88
Infectious Disease	4	25	3 - 80	14	29	17 - 64
Metabolic/Electrolyte Disorders	3	0	0 - 94	8	25	7 - 66
Pulmonary Disease	43	21	11 - 38	54	17	14 - 37
Renal Failure	5	40	9 - 83	2	100	9 - 94
Severe Acute Heart Disease	17	35	17 - 61	24	33	22 - 59
Severe Chronic Heart Disease	22	27	10 - 48	21	24	9 - 47
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	57	7	0 - 27	70	4	1 - 14
Gynecologic Disease	4	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	62	0	1 - 9	76	3	0 - 14
Musculoskeletal/Skin Conditions	44	0	0 - 31	49	0	0 - 13
Neuropsychiatric/Sensory Disease	15	0	0 - 99	11	9	0 -100
Urologic Disease	23	0	0 - 53	29	3	0 - 61

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	111
Occupancy Rate (%):	37
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	56
Percent of Physicians Who Are Board Certified Specialists:	54
Interns and Residents:	0
Registered Nurses:	75
Licensed Practical Nurses:	22

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SPRINGFIELD COMMUNITY HOSP

3535 S NATIONAL
SPRINGFIELD, MO 65807

Medicare Hospital Provider Number: 260197

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	603	12	9 - 15	561	9	8 - 14
Cancer	26	31	25 - 62	19	37	27 - 70
Cerebrovascular Accidents	17	29	13 - 56	23	26	15 - 51
Gastrointestinal Catastrophes	2	0	6 - 90	6	50	6 - 75
Infectious Disease	6	17	11 - 73	4	25	5 - 80
Metabolic/Electrolyte Disorders	2	50	4 - 93	5	40	6 - 78
Pulmonary Disease	53	26	16 - 41	23	43	14 - 54
Renal Failure	3	0	3 - 81	0	-	-
Severe Acute Heart Disease	8	63	23 - 83	7	57	19 - 82
Severe Chronic Heart Disease	24	33	8 - 46	26	23	12 - 46
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	53	2	1 - 14	48	4	1 - 21
Gynecologic Disease	7	14	0 -100	1	0	0 -100
Low-Risk Heart Disease	56	5	0 - 21	40	0	1 - 13
Musculoskeletal/Skin Conditions	76	4	0 - 17	54	0	0 - 12
Neuropsychiatric/Sensory Disease	50	2	0 - 23	102	0	1 - 6
Urologic Disease	15	7	0 - 99	15	0	0 - 92

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	200
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	53
Licensed Practical Nurses:	26

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	Yes

SPRINGFIELD COMMUNITY HOSPITAL

3535 South National
Springfield, Missouri 65807
417 882-4700

October 20, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-E-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

In reference to your letter of September 15, 1988, which accompanied the Medicare morbidity and mortality statistics for Springfield Community Hospital, the following is our response. Springfield Community Hospital is a 200-bed acute care facility offering all services with the exception of obstetrics. We have a very high percentage of Medicare patients and are quite please that your report shows us as well within, if not below, the average percent of deaths for the diagnostic category.

The hospital specific mortality data reported by HCFA has been carefully reviewed by our medical records administrator. Results have been forwarded to the Quality Assurance Program of the Medical Staff as well as the Executive Committee of the Medical Staff and the Board of Directors of the hospital. You might be suprised to know that of the patients listed on your report, a total of five patients had **not** expired, in fact, one of these patients was receiving care in the hospital when your report was received.

We are please to cooperate with HCFA in reviewing this data and feel quite comfortable that our hospital is continuing to provide the highest quality care available.

Thank you for allowing us to respond.

Sincerely,

Lynda Donegan
President/Chief Executive Officer

cc: Marliese Mooney, Chief Operations Officer, EPIC Healthcare
Gabe Garza, R.R.A.
File

/jps

SPRINGFIELD GEN OSTEOPATHIC HOSP

2828 N NATIONAL-MPO BOX 783
SPRINGFIELD, MO 65801

Medicare Hospital Provider Number: 260089

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	461	11	9 - 15	569	14	9 - 16
Cancer	14	50	21 - 70	13	38	27 - 77
Cerebrovascular Accidents	18	22	11 - 50	18	17	19 - 55
Gastrointestinal Catastrophes	2	100	4 - 88	1	0	1 - 97
Infectious Disease	11	45	15 - 70	13	23	16 - 63
Metabolic/Electrolyte Disorders	10	10	7 - 55	10	10	5 - 54
Pulmonary Disease	41	29	14 - 43	39	23	13 - 42
Renal Failure	5	40	13 - 87	8	38	14 - 81
Severe Acute Heart Disease	7	29	14 - 75	19	68	25 - 66
Severe Chronic Heart Disease	15	13	6 - 46	25	32	8 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	33	3	0 - 53	50	10	0 - 32
Gynecologic Disease	5	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	45	0	0 - 14	68	9	1 - 22
Musculoskeletal/Skin Conditions	54	2	0 - 23	60	7	0 - 25
Neuropsychiatric/Sensory Disease	37	0	0 - 25	33	0	0 - 43
Urologic Disease	18	0	0 - 83	22	5	0 - 94

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	95
Occupancy Rate (%):	45
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	48
Percent of Physicians Who Are Board Certified Specialists:	25
Interns and Residents:	0
Registered Nurses:	40
Licensed Practical Nurses:	22

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SPRINGFIELD PARK CENTRAL HOSP

440 S MARKET ST
SPRINGFIELD, MO 65806

Medicare Hospital Provider Number: 260041

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	124	6	4 - 14	192	11	8 - 18
Cancer	0	-	-	5	20	11 - 78
Cerebrovascular Accidents	2	0	0 - 94	7	14	5 - 63
Gastrointestinal Catastrophes	1	0	1 - 97	1	0	2 - 97
Infectious Disease	2	0	2 - 88	1	100	2 - 97
Metabolic/Electrolyte Disorders	2	50	0 - 99	7	29	6 - 70
Pulmonary Disease	11	9	10 - 52	15	27	9 - 54
Renal Failure	0	-	-	1	0	2 - 98
Severe Acute Heart Disease	3	0	9 - 82	5	60	11 - 81
Severe Chronic Heart Disease	5	60	5 - 77	12	8	7 - 47
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	8	0	0 -100	7	0	0 -100
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	7	0	0 - 95	13	8	0 - 92
Musculoskeletal/Skin Conditions	8	0	0 -100	23	0	0 - 40
Neuropsychiatric/Sensory Disease	49	0	0 - 19	30	0	0 - 30
Urologic Disease	3	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	145
Occupancy Rate (%):	41
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	23
Percent of Physicians Who Are Board Certified Specialists:	35
Interns and Residents:	0
Registered Nurses:	24
Licensed Practical Nurses:	17

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST ANTHONY'S MED CTR

10010 KENNERLY ROAD
SAINT LOUIS, MO 63128

Medicare Hospital Provider Number: 260077

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,655	13	11 - 14	3,477	12	10 - 15
Cancer	144	40	31 - 52	144	33	32 - 53
Cerebrovascular Accidents	190	27	19 - 34	153	27	20 - 36
Gastrointestinal Catastrophes	34	50	21 - 57	20	35	19 - 62
Infectious Disease	41	32	23 - 54	51	35	22 - 53
Metabolic/Electrolyte Disorders	58	24	14 - 42	53	17	11 - 38
Pulmonary Disease	203	28	21 - 37	180	24	19 - 35
Renal Failure	25	44	17 - 69	21	48	19 - 74
Severe Acute Heart Disease	113	46	29 - 50	143	40	31 - 50
Severe Chronic Heart Disease	227	26	17 - 30	198	27	17 - 32
Severe Trauma	5	20	3 - 75	9	56	10 - 70
Gastrointestinal Disease	262	3	1 - 7	274	4	1 - 7
Gynecologic Disease	39	0	0 -100	45	0	0 - 53
Low-Risk Heart Disease	450	2	2 - 5	461	5	2 - 6
Musculoskeletal/Skin Conditions	485	1	1 - 4	411	2	1 - 5
Neuropsychiatric/Sensory Disease	90	7	1 - 16	89	1	1 - 9
Urologic Disease	155	1	0 - 8	165	1	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	739
Occupancy Rate (%):	75
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	212
Percent of Physicians Who Are Board Certified Specialists:	54
Interns and Residents:	0
Registered Nurses:	339
Licensed Practical Nurses:	112

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST ELIZABETHS HOSP

109 VIRGINIA ST
HANNIBAL, MO 63401

Medicare Hospital Provider Number: 260025

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	585	14	9 - 15	734	13	9 - 15
Cancer	10	50	17 - 73	20	50	20 - 63
Cerebrovascular Accidents	11	9	8 - 50	21	24	10 - 48
Gastrointestinal Catastrophes	3	33	3 - 86	6	17	6 - 70
Infectious Disease	3	0	4 - 79	4	25	5 - 80
Metabolic/Electrolyte Disorders	5	20	0 - 85	10	10	2 - 57
Pulmonary Disease	51	24	14 - 40	48	19	13 - 38
Renal Failure	4	25	3 - 82	4	50	4 - 84
Severe Acute Heart Disease	38	34	23 - 54	34	38	22 - 55
Severe Chronic Heart Disease	36	25	10 - 40	44	34	11 - 40
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	60	0	1 - 9	76	0	1 - 7
Gynecologic Disease	8	0	0 -100	11	9	0 -100
Low-Risk Heart Disease	52	4	0 - 20	72	3	1 - 13
Musculoskeletal/Skin Conditions	29	10	0 - 96	58	3	0 - 33
Neuropsychiatric/Sensory Disease	11	18	0 - 96	24	4	1 - 29
Urologic Disease	31	3	0 - 62	40	5	0 - 29

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	79
Occupancy Rate (%):	57
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	51
Percent of Physicians Who Are Board Certified Specialists:	53
Interns and Residents:	0
Registered Nurses:	50
Licensed Practical Nurses:	25

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST FRANCIS HOSP
PO BOX 82
MOUNTAIN VIEW, MO 65548

Medicare Hospital Provider Number: 260018

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	210	16	11 - 22	224	17	11 - 22
Cancer	5	80	20 - 87	5	80	6 - 74
Cerebrovascular Accidents	13	8	14 - 51	10	10	10 - 55
Gastrointestinal Catastrophes	1	0	0 - 98	0	-	-
Infectious Disease	2	50	7 - 95	3	67	6 - 87
Metabolic/Electrolyte Disorders	2	0	0 - 95	6	17	10 - 72
Pulmonary Disease	36	31	16 - 47	32	16	11 - 40
Renal Failure	4	50	6 - 85	8	50	17 - 84
Severe Acute Heart Disease	10	40	14 - 70	13	69	23 - 71
Severe Chronic Heart Disease	17	18	7 - 46	13	31	5 - 56
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	18	11	0 - 93	22	5	0 - 99
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	19	5	0 - 75	18	0	0 - 37
Musculoskeletal/Skin Conditions	24	0	0 - 66	25	4	0 - 66
Neuropsychiatric/Sensory Disease	3	33	0 -100	4	0	0 -100
Urologic Disease	7	14	0 - 99	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	42
Occupancy Rate (%):	32
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST FRANCIS HOSP

1802 SOUTH MAIN ST
MARYVILLE, MO 64468

Medicare Hospital Provider Number: 260050

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	612	15	10 - 17	546	13	11 - 18
Cancer	4	25	7 - 81	7	86	25 - 81
Cerebrovascular Accidents	17	41	10 - 55	12	33	10 - 61
Gastrointestinal Catastrophes	1	100	3 - 99	4	75	8 - 82
Infectious Disease	5	40	11 - 81	5	60	11 - 82
Metabolic/Electrolyte Disorders	25	12	15 - 47	29	21	10 - 44
Pulmonary Disease	52	33	19 - 46	44	20	18 - 44
Renal Failure	4	75	11 - 87	3	67	13 - 97
Severe Acute Heart Disease	27	48	26 - 63	29	45	25 - 61
Severe Chronic Heart Disease	38	21	14 - 41	42	26	17 - 44
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	68	3	1 - 14	50	0	1 - 11
Gynecologic Disease	7	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	76	1	2 - 10	64	0	1 - 8
Musculoskeletal/Skin Conditions	53	4	0 - 19	42	7	0 - 32
Neuropsychiatric/Sensory Disease	15	0	0 - 80	9	0	0 -100
Urologic Disease	30	3	0 - 51	24	0	0 - 27

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 89
Occupancy Rate (%): 40
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 14
Percent of Physicians Who Are Board Certified Specialists: 64
Interns and Residents: 0
Registered Nurses: 45
Licensed Practical Nurses: 27

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ST FRANCIS HOSP

225 W HAYDEN ST
MARCELINE, MO 64658

Medicare Hospital Provider Number: 260088

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	171	12	10 - 20	254	15	10 - 20
Cancer	2	0	2 - 89	4	50	12 - 88
Cerebrovascular Accidents	7	43	8 - 72	13	38	12 - 62
Gastrointestinal Catastrophes	3	67	9 - 90	1	0	0 - 97
Infectious Disease	0	-	-	3	33	4 - 86
Metabolic/Electrolyte Disorders	1	0	0 - 98	2	0	0 -100
Pulmonary Disease	11	18	10 - 58	17	29	10 - 53
Renal Failure	2	50	7 - 96	3	67	3 - 87
Severe Acute Heart Disease	6	33	14 - 79	17	41	18 - 62
Severe Chronic Heart Disease	17	6	13 - 42	17	35	8 - 53
Severe Trauma	1	100	0 - 99	0	-	-
Gastrointestinal Disease	14	0	1 - 36	29	7	1 - 31
Gynecologic Disease	3	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	8	0	0 -100	28	0	0 - 23
Musculoskeletal/Skin Conditions	9	0	0 - 99	13	0	0 - 44
Neuropsychiatric/Sensory Disease	6	0	0 -100	7	0	0 - 99
Urologic Disease	14	0	0 - 99	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 94
Occupancy Rate (%): 53
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 4
Percent of Physicians Who Are Board Certified Specialists: 50
Interns and Residents: 0
Registered Nurses: 5
Licensed Practical Nurses: 5

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ST FRANCIS MED CTR

211 ST FRANCIS DR
CAPE GIRARDEAU, MO 63701

Medicare Hospital Provider Number: 260183

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,726	11	8 - 12	3,127	10	8 - 12
Cancer	94	43	28 - 51	90	39	27 - 52
Cerebrovascular Accidents	122	32	18 - 36	101	23	17 - 36
Gastrointestinal Catastrophes	23	35	16 - 57	14	14	13 - 55
Infectious Disease	11	45	15 - 70	16	44	18 - 66
Metabolic/Electrolyte Disorders	13	23	4 - 55	18	11	8 - 45
Pulmonary Disease	121	24	15 - 34	112	21	17 - 36
Renal Failure	17	12	9 - 60	8	63	12 - 79
Severe Acute Heart Disease	100	44	27 - 48	110	40	27 - 48
Severe Chronic Heart Disease	86	23	14 - 33	140	25	15 - 31
Severe Trauma	7	29	7 - 71	7	57	7 - 73
Gastrointestinal Disease	256	3	1 - 7	282	1	1 - 5
Gynecologic Disease	12	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	336	4	2 - 6	327	4	1 - 6
Musculoskeletal/Skin Conditions	321	2	1 - 5	344	2	0 - 5
Neuropsychiatric/Sensory Disease	124	2	0 - 13	298	2	0 - 6
Urologic Disease	147	1	1 - 6	128	1	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	264
Occupancy Rate (%):	76
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	137
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	0
Registered Nurses:	283
Licensed Practical Nurses:	63

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	Yes
Hospice Care:	No

ST JOHN'S MERCY MED CTR

615 NEW BALLAS RD S
CREVE COEUR, MO 63141

Medicare Hospital Provider Number: 260020

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,007	10	10 - 13	4,049	11	10 - 14
Cancer	188	34	34 - 53	220	33	32 - 51
Cerebrovascular Accidents	118	25	18 - 35	139	25	18 - 34
Gastrointestinal Catastrophes	28	25	19 - 55	40	32	22 - 55
Infectious Disease	44	32	26 - 57	31	39	24 - 61
Metabolic/Electrolyte Disorders	37	22	11 - 43	36	17	10 - 40
Pulmonary Disease	160	20	18 - 34	136	24	20 - 38
Renal Failure	12	33	14 - 74	8	13	6 - 69
Severe Acute Heart Disease	167	37	31 - 49	158	35	31 - 49
Severe Chronic Heart Disease	162	15	14 - 28	161	23	16 - 31
Severe Trauma	12	25	8 - 60	5	0	8 - 67
Gastrointestinal Disease	293	4	1 - 7	277	2	2 - 6
Gynecologic Disease	57	0	0 - 26	51	2	0 -100
Low-Risk Heart Disease	532	3	2 - 6	558	4	2 - 5
Musculoskeletal/Skin Conditions	433	2	1 - 5	414	2	1 - 5
Neuropsychiatric/Sensory Disease	161	3	1 - 9	178	2	0 - 8
Urologic Disease	143	3	0 - 13	122	0	1 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	946
Occupancy Rate (%):	72
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	608
Percent of Physicians Who Are Board Certified Specialists:	87
Interns and Residents:	0
Registered Nurses:	746
Licensed Practical Nurses:	88

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST JOHN'S MERCY MEDICAL CENTER

200 MADISON AVE
WASHINGTON, MO 63090

Medicare Hospital Provider Number: 260052

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,290	15	11 - 16	1,359	13	10 - 15
Cancer	40	63	30 - 62	37	49	25 - 59
Cerebrovascular Accidents	53	23	17 - 41	57	25	15 - 39
Gastrointestinal Catastrophes	12	50	17 - 70	14	57	16 - 66
Infectious Disease	33	39	17 - 53	14	36	13 - 63
Metabolic/Electrolyte Disorders	19	26	9 - 52	16	25	7 - 53
Pulmonary Disease	98	26	19 - 39	76	21	17 - 39
Renal Failure	10	70	17 - 78	5	40	12 - 87
Severe Acute Heart Disease	64	34	26 - 51	81	44	28 - 52
Severe Chronic Heart Disease	81	22	12 - 32	97	15	13 - 30
Severe Trauma	0	-	-	2	50	1 - 94
Gastrointestinal Disease	88	3	0 - 14	103	4	1 - 11
Gynecologic Disease	12	0	0 -100	17	6	0 - 66
Low-Risk Heart Disease	157	5	1 - 10	183	4	1 - 9
Musculoskeletal/Skin Conditions	57	2	0 - 15	62	2	0 - 16
Neuropsychiatric/Sensory Disease	69	1	1 - 12	66	5	0 - 25
Urologic Disease	64	2	1 - 12	74	0	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	165
Ownership/Control:	Church

STAFFING

Interns and Residents:	0
Registered Nurses:	103
Licensed Practical Nurses:	36

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

St. John's Mercy Hospital
200 Madison Avenue, Washington, Missouri 63090-[illegible] • (314) 239-7711
SERVING FRANKLIN AND SURROUNDING COUNTIES

October 21, 1988

Healthcare Financing Administration
Health Standards and Quality Bureau
ATTN: Mrs. Sandra Kappert
2 D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

St. John's Mercy Hospital
Provider #: 260052

Dear Mrs. Kappert:

I would like to make several comments regarding the recently published HCFA Mortality Data regarding St. John's Mercy Hospital in Washington, Missouri. We feel it is valuable to note the average age of the patients who expired within the diagnostic category of cancer was 76 years old. This average age certainly indicates an elderly population served by St. John's Mercy Hospital in this diagnostic category.

Within the diagnostic category of cancer (CA), it should be noted that 23 of the 25 cases listed in the mortality report as expiring within thiry (30) days of their last admission were known to be terminally ill at the time of their last admission. Their conditions were terminal and there were no additional types of treatment either at this hospital or at tertiary referral centers which could change the progress of their cancer. It should also be noted that the majority of these patients had received all appropriate treatment either here or at larger referral centers and no other appropriate treatment protocols for their terminal diseases existed.

Sincerely,

Terry M Rose

Terry M. Rose
Administrator

ST JOHN'S REG MED CTR

2727 MCCLELLAND BLVD
JOPLIN, MO 64801

Medicare Hospital Provider Number: 260001

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,235	12	10 - 14	3,316	12	10 - 14
Cancer	161	34	32 - 52	184	46	35 - 56
Cerebrovascular Accidents	107	24	17 - 35	84	37	17 - 39
Gastrointestinal Catastrophes	31	29	26 - 61	25	28	22 - 60
Infectious Disease	40	35	23 - 56	28	46	21 - 60
Metabolic/Electrolyte Disorders	58	29	14 - 43	57	26	16 - 45
Pulmonary Disease	91	23	17 - 38	105	22	17 - 36
Renal Failure	12	58	11 - 72	27	48	16 - 68
Severe Acute Heart Disease	141	38	28 - 46	125	35	29 - 48
Severe Chronic Heart Disease	114	25	15 - 32	119	30	16 - 34
Severe Trauma	12	8	9 - 52	11	18	4 - 58
Gastrointestinal Disease	238	5	1 - 8	243	2	1 - 6
Gynecologic Disease	58	0	0 - 99	25	0	0 -100
Low-Risk Heart Disease	563	5	2 - 6	514	4	2 - 6
Musculoskeletal/Skin Conditions	282	2	1 - 6	338	1	1 - 5
Neuropsychiatric/Sensory Disease	118	4	1 - 11	99	2	1 - 10
Urologic Disease	106	2	0 - 12	143	5	0 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	345
Occupancy Rate (%):	68
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	135
Percent of Physicians Who Are Board Certified Specialists:	55
Interns and Residents:	0
Registered Nurses:	277
Licensed Practical Nurses:	76

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

St. John's
Regional Medical Center

Robert J. Fanning
President

2727 McClelland Boulevard
Joplin, Missouri 64804
417-781-2727

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

St. John's Regional Medical Center appreciates the opportunity to respond to the 1987 Medicare Hospital Mortality Information. We have put together a team of hospital professionals which has analyzed and evaluated the validity of the data.

Description of the Hospital and its Service Area.

St. John's Regional Medical Center in Joplin, Missouri is a 367 bed Sisters of Mercy medical complex. St. John's serves a nineteen (19) county area with a population of over 500,000 in the four state region of Arkansas, Kansas, Missouri and Oklahoma. With a medical staff of over 150 physicians and dentists and a staff of over 1250 skilled employees, St. John's is recognized as the Major Referral Center for Trauma, Cardiology, Oncology, Pulmonary, Cardiovascular, Neurosurgery, Neurology, Rehabilitation and Psychiatry.

St. John's attracts a high volume of severely ill patients from a large geographic area. St. John's is the only major referral center within the region offering these specialized programs for the very sick/acutely ill patients. Patients are referred to our hospital from physicians and hospitals in the four state region.

Characteristics of Patients Utilizing our Hospital

As a result of reviewing records of those patients that died within thirty days of their last admission to St. John's, it became apparent that those patients had a number of unique characteristics.

- 53% of the patients had been previously admitted to the hospital within twelve (12) months of their death.
- 26% of the patients died within 48 hours of being admitted to the hospital.

The conclusions drawn from these statistics is that patients under the various diagnostic categories, specifically cancer, stroke accidents, heart disease, pulmonary disease, kidney failure, gastrointestinal catastrophes and electrolyte disturbances were that:

- 57% of the patients were suffering from multiply (systems) illness/ diseases at the time of their admission.
- 65% of the patients suffering from strokes, heart disease and pulmonary disease who later died were admitted to the hospital by way of the emergency room.

Additional evaluation of the medical records pointed to the fact that the majority of patients who died within the thirty day time period after admission to the hospital were of an advanced age.

The Case Mix Index for St. John's, which is a measure of the acuity or sickness level of our patients, was 1.41, and was the highest in our regional service area. This is a direct result of the type of programs and services offered by St. John's and the patients that are admitted to our hospital. In addition to being a heart and cancer referral center, we also have a Hospice program which is associated with care for the terminally ill patient.

Relationship between mortality and quality of care.

As a result of our analysis of the patient's medical records, it was concluded that the mortality rates are directly related to the type of patients and the severity of their illnesses/diseases and not their treatment. Our medical specialists treat severally ill patients who are referred to St. John's from throughout the four state area. Approximately 20% of the patients were transferred to St. John's from another hospital. It should also be noted that approximately 42% of the patients in the diagnostic categories of cancer, stroke, heart and pulmonary disease and life-threatening infections had "Do Not Resuscitate" orders on their charts upon admission because of the severity of their illness and their advanced age.

Conclusion

St. John's Regional Medical Center as a major referral center has developed an excellent regional reputation through the provision of high quality, responsive and compassionate care. The medical staff and hospital have quality assurance programs which review the care provided patients on an ongoing basis. The HCFA mortality data is only one indicator of the characteristics of patients treated at our hospital. St. John's is committed to serve and treat all patients referred from our service area especially those seriously ill patients which are referred to the hospital because of their need for our specialty services.

Respectfully submitted,

Bernard J. Gaydos
Vice President

wm

ST JOHN'S REGIONAL HEALTH CENTER

1235 E CHEROKEE
SPRINGFIELD, MO 65802

Medicare Hospital Provider Number: 260065

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	7,946	9	9 - 13	7,931	10	9 - 13
Cancer	333	30	31 - 48	356	33	32 - 49
Cerebrovascular Accidents	270	26	21 - 34	270	24	21 - 34
Gastrointestinal Catastrophes	42	38	17 - 51	41	29	22 - 54
Infectious Disease	66	20	20 - 45	50	40	22 - 53
Metabolic/Electrolyte Disorders	62	19	14 - 41	51	8	20 - 44
Pulmonary Disease	239	25	20 - 35	244	22	17 - 32
Renal Failure	15	73	19 - 74	15	60	15 - 74
Severe Acute Heart Disease	427	26	30 - 43	411	26	32 - 45
Severe Chronic Heart Disease	297	26	17 - 29	298	22	18 - 30
Severe Trauma	23	26	9 - 50	24	29	11 - 52
Gastrointestinal Disease	567	3	1 - 6	547	2	1 - 5
Gynecologic Disease	76	0	0 -100	75	0	0 - 23
Low-Risk Heart Disease	1,078	3	2 - 5	1,039	3	2 - 5
Musculoskeletal/Skin Conditions	863	1	1 - 4	927	2	1 - 4
Neuropsychiatric/Sensory Disease	314	2	1 - 6	515	2	1 - 5
Urologic Disease	516	2	0 - 5	501	1	0 - 5

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	849
Occupancy Rate (%):	71
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	297
Percent of Physicians Who Are Board Certified Specialists:	73
Interns and Residents:	0
Registered Nurses:	566
Licensed Practical Nurses:	42

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPH HEALTH CENTER

1000 CARONDELET DR
KANSAS CITY, MO 64114

Medicare Hospital Provider Number: 260085

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,325	10	10 - 14	2,462	11	9 - 14
Cancer	81	37	28 - 52	78	42	32 - 58
Cerebrovascular Accidents	93	22	19 - 37	101	39	18 - 39
Gastrointestinal Catastrophes	15	27	17 - 64	11	0	20 - 54
Infectious Disease	61	23	21 - 47	40	27	18 - 50
Metabolic/Electrolyte Disorders	30	10	16 - 45	26	23	6 - 44
Pulmonary Disease	161	15	18 - 33	149	18	16 - 33
Renal Failure	8	38	12 - 78	10	50	17 - 81
Severe Acute Heart Disease	70	41	24 - 49	98	40	27 - 48
Severe Chronic Heart Disease	85	25	13 - 33	105	24	16 - 34
Severe Trauma	5	20	3 - 75	5	20	2 - 75
Gastrointestinal Disease	173	3	1 - 8	180	2	1 - 7
Gynecologic Disease	32	0	0 -100	27	0	0 -100
Low-Risk Heart Disease	299	3	1 - 6	295	5	1 - 7
Musculoskeletal/Skin Conditions	212	3	1 - 7	282	1	1 - 5
Neuropsychiatric/Sensory Disease	64	2	0 - 15	116	1	1 - 7
Urologic Disease	94	1	0 - 14	95	1	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 221
Occupancy Rate (%): 71
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 300
Percent of Physicians Who Are Board Certified Specialists: 79
Interns and Residents: 0
Registered Nurses: 249
Licensed Practical Nurses: 8

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

SAINT JOSEPH
HEALTH CENTER
People caring for people.

Provider #260085

Comments on the HCFA Mortality Data

Data Verification

The 1987 data used by HCFA indicates that a total of 222 Medicare patients admitted to Saint Joseph Health Center died within thirty days of admission. Of these, 177 died while still a patient of the Health Center, while 45 died after discharge. It is impossible to determine the percentage of the 45 patients dying after discharge who were in fact alive, as information concerning death after discharge is not included in the patient's medical record. Our own records indicate that 3,772 Medicare discharges occurred in 1987. Presumably the discrepancy reflects the Health Center's count of multiple admissions of individual beneficiaries and HCFA's statistics reflect only patients whose last admission occurred in 1987.

Without detailed information concerning the billing data that was available to HCFA in computing the predicted mortality rate, it is impossible to verify the accuracy of the diagnostic or other data used in the analysis.

Interpretive Remarks

In all of the diagnostic categories, for 1986 and 1987, the Health Center's actual mortality rate falls within the predicted mortality rate.

ST JOSEPH HEALTH CTR

300 1ST CAPITOL DR
SAINT CHARLES, MO 63301

Medicare Hospital Provider Number: 260005

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,000	13	11 - 15	2,224	12	11 - 15
Cancer	61	46	27 - 55	64	55	30 - 58
Cerebrovascular Accidents	67	24	15 - 37	68	38	17 - 41
Gastrointestinal Catastrophes	11	18	12 - 61	21	43	13 - 57
Infectious Disease	31	35	20 - 56	52	29	24 - 54
Metabolic/Electrolyte Disorders	34	26	11 - 45	53	21	14 - 42
Pulmonary Disease	162	28	22 - 39	158	21	20 - 37
Renal Failure	6	33	16 - 86	9	33	18 - 83
Severe Acute Heart Disease	71	38	29 - 54	75	36	30 - 53
Severe Chronic Heart Disease	112	24	15 - 32	123	32	17 - 35
Severe Trauma	3	100	5 - 80	5	20	14 - 81
Gastrointestinal Disease	140	3	1 - 9	131	3	1 - 9
Gynecologic Disease	18	0	0 -100	17	0	0 -100
Low-Risk Heart Disease	247	2	2 - 6	276	3	2 - 7
Musculoskeletal/Skin Conditions	199	2	1 - 7	220	3	1 - 7
Neuropsychiatric/Sensory Disease	57	2	0 - 23	131	1	0 - 7
Urologic Disease	72	0	1 - 8	65	3	0 - 17

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	362
Occupancy Rate (%):	63
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	202
Percent of Physicians Who Are Board Certified Specialists:	78
Interns and Residents:	0
Registered Nurses:	368
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPH HOSPITAL WEST

100 MEDICAL PLAZA
ST LOUIS , MO 63367

Medicare Hospital Provider Number: 260200

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	325	14	9 - 17	7	14	0 - 95
Cancer	6	67	10 - 76	0	-	-
Cerebrovascular Accidents	9	44	8 - 67	0	-	-
Gastrointestinal Catastrophes	1	0	1 - 97	0	-	-
Infectious Disease	8	50	8 - 70	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 -100	1	100	0 - 99
Pulmonary Disease	26	15	12 - 43	0	-	-
Renal Failure	1	100	3 - 99	0	-	-
Severe Acute Heart Disease	15	47	16 - 63	0	-	-
Severe Chronic Heart Disease	25	36	12 - 49	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	23	9	1 - 38	1	0	0 -100
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	43	2	1 - 19	2	0	0 -100
Musculoskeletal/Skin Conditions	27	0	0 - 33	2	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	0	-	-
Urologic Disease	15	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	100
Ownership/Control:	Local Government

STAFFING

Interns and Residents:	0
Registered Nurses:	74
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	Yes

ST JOSEPH'S HOSP OF KIRKWOOD

525 COUCH AVE
KIRKWOOD, MO 63122

Medicare Hospital Provider Number: 260081

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,597	12	10 - 15	2,831	12	10 - 14
Cancer	97	40	29 - 53	111	45	34 - 57
Cerebrovascular Accidents	117	21	19 - 35	116	25	20 - 38
Gastrointestinal Catastrophes	11	45	11 - 66	20	25	13 - 54
Infectious Disease	40	50	20 - 54	30	27	23 - 58
Metabolic/Electrolyte Disorders	36	28	16 - 49	39	13	8 - 37
Pulmonary Disease	150	29	21 - 38	167	27	20 - 37
Renal Failure	12	42	17 - 78	4	50	8 - 87
Severe Acute Heart Disease	108	35	28 - 49	128	34	29 - 48
Severe Chronic Heart Disease	132	26	16 - 33	129	22	17 - 33
Severe Trauma	6	0	7 - 60	5	40	6 - 79
Gastrointestinal Disease	212	2	1 - 7	220	4	1 - 8
Gynecologic Disease	22	5	0 -100	32	0	0 -100
Low-Risk Heart Disease	356	4	2 - 7	386	2	2 - 6
Musculoskeletal/Skin Conditions	223	1	1 - 5	272	2	1 - 6
Neuropsychiatric/Sensory Disease	59	0	0 - 13	89	1	1 - 9
Urologic Disease	111	6	0 - 18	111	2	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	303
Occupancy Rate (%):	62
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	241
Percent of Physicians Who Are Board Certified Specialists:	77
Interns and Residents:	0
Registered Nurses:	286
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

St. Joseph Hospital

525 Couch Avenue
Kirkwood, Missouri 63122
314 966-1500

October 20, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Health Standards & Quality Bureau
Hospital Mortality Information
P.O. Box 26684
Baltimore, Maryland 21207

Dear Dr. Roper:

St. Joseph Hospital has reviewed the Medicare mortality data in advance of publication by the Health Care Financing Administration (HCFA). St. Joseph Hospital is a general acute care facility licensed to operate in the State of Missouri. The Hospital has active medical and surgical services providing care in the diagnosis and treatment of cancer, cardiovascular, cerebrovascular, and pulmonary disease which are predominant illnesses among the Medicare patients serviced by the Hospital.

The patient specific data was reviewed by the medical record professionals who confirmed the accuracy of that data. The HCFA data is limited to the last admission of patients admitted to the Hospital more than once during the year. The actual Mortality Rate was noted to be well within, or below, the limits of the HCFA Range of Predicted Mortality Rates. The focus on the last admission mitigates the fact that the course of treatment during previous admissions may have demonstrated the inevitable progression of illness toward death which is a significant factor to consider in evaluating the quality of care provided.

While St. Joseph Hospital does not have a dedicated inpatient hospice unit, the Hospital does provide a Hospice Program for the terminally ill which supports patients and families who have expressed a desire to die in the environment of their home. It would be expected that these patients, meeting admission criteria, would have died in the Hospital were we not able to support their wish to die at home.

To fulfill St. Joseph Hospital's commitment to ensure the provision of high quality patient care, a Quality Assurance Program is in place. This program identifies as its goal the implementation and maintenance of a unified, comprehensive program which monitors and evaluates the quality and appropriateness of the patient care provided. As a part of this program, all deaths occurring in the Hospital are reviewed by members of the Medical Staff in the peer review committee of the department in which the death occurred. The physician members of these committees perform the patient care evaluation function in each department on a case-by-case basis to ensure that the care provided meets acceptable department standards. Corrective actions are taken if a problem is identified. Mortality review and the resulting management of hospital death rate data is only one component of the comprehensive quality assurance program.

HCFA's use of Mortality Data as an indication of the quality of care provided is subject to potential problems. The methods used by HCFA to develop predicted rates are simply averages. The statistical method used to predict the mortality rates are intended to say whether it is likely that the hospital's mortality rate differs from the average. These methods cannot explain why the rates differ or whether the differences are good, bad or indifferent. It is extremely important that the public understand the limitations of the data as a quality indicator. Patients in critical condition from accidents and patients who are terminally ill are included in the diagnostic category along with the patients requiring minimal intervention. While the HCFA data does consider the relationship between a limited number of variables, it does not consider such variables as the stage of the illness, concurrent interacting conditions, the patient's psychological state, extent of nonoperating room procedures, and rate of recovery to name a few. These and other unexplained variables may result from patient characteristics not measured in the HCFA model.

At best the HCFA Mortality Data can be considered by all hospitals as an indicator of possible quality problems. As such, it can be used as an additional screening tool to identify areas or suggest areas for further review in the ongoing quality assurance activities of the hospital.

I would like to emphasize that the HCFA data alone in no way can be used to confirm quality problems. Caution must be exercised to avoid concluding that the difference between any hospital's actual and expected mortality rates as published by HCFA reflect especially high or low quality of patient care.

Sincerely,

Robert M. Lewandowski
Vice President

dc

ST LOUIS REGIONAL MEDICAL CTR

5535 DELMAR BLVD
SAINT LOUIS, MO 63112

Medicare Hospital Provider Number: 260008

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	998	16	10 - 15	986	18	9 - 15
Cancer	22	55	20 - 61	52	44	23 - 53
Cerebrovascular Accidents	49	27	13 - 39	46	20	13 - 37
Gastrointestinal Catastrophes	4	100	5 - 71	9	33	6 - 66
Infectious Disease	25	52	15 - 55	19	68	15 - 58
Metabolic/Electrolyte Disorders	63	33	10 - 39	60	25	8 - 37
Pulmonary Disease	58	28	12 - 37	48	33	9 - 38
Renal Failure	16	31	10 - 67	11	45	6 - 71
Severe Acute Heart Disease	16	44	19 - 65	23	48	21 - 61
Severe Chronic Heart Disease	78	9	14 - 29	67	27	12 - 35
Severe Trauma	5	60	3 - 78	0	-	-
Gastrointestinal Disease	52	6	1 - 22	36	6	0 - 29
Gynecologic Disease	3	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	79	6	0 - 19	92	5	1 - 15
Musculoskeletal/Skin Conditions	70	3	0 - 24	77	4	0 - 21
Neuropsychiatric/Sensory Disease	32	9	0 - 72	39	8	0 - 80
Urologic Disease	25	4	1 - 29	25	0	0 - 84

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	277
Occupancy Rate (%):	76
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	87
Percent of Physicians Who Are Board Certified Specialists:	77
Interns and Residents:	0
Registered Nurses:	193
Licensed Practical Nurses:	56

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

St. Louis Regional
Medical Center
5535 Delmar Boulevard
St. Louis, Missouri 63112
Telephone (314) 361-1212

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: Medicare Provider #: 260008

Dear Mrs. Kappert:

In response to Doctor Roper's letter announcing the preparation of Medical Mortality Information (1987), we do not believe that "the quality of health care in the nation will be better" because of the publication of your data. We do agree with Doctor Roper's statement "until we have developed additional statistical measures to deal with complex issues such as severity of illness, we cannot recommend the use of the information by itself to make judgments about the quality of care in an individual hospital or to make comparisons among hospitals."

Knowledgeable leaders in health care labelled your release of Medicare Hospital Mortality Information last year as meaningless. We believe that the data is worse than meaningless, that it is actually misleading. Comparison of your approach to more sophisticated methods indicates that your analysis systematically underpredicts mortality for more-severely-ill patients. In publicizing your mortality data, you do a disservice to those institutions which accept a disproportionate share of seriously ill Medicare patients. If the public begins to attach significance to your data, there is the danger that severely ill Medicare patients will be turned away from many hospitals and increasingly be referred to hospitals "of last resort" such as St. Louis Regional Medical Center.

In your description of "Hospital Characteristics", you indicate, for St. Louis Regional Medical Center, "organ transplant service: yes." We actively participate in the harvest of organs for transplantation, but we do not operate an organ transplantation service.

Sincerely,

John Kissel

John Kissel, M. D.
Vice President, Medical Affairs

ST LOUIS STATE HOSP MED/SURG

5400 ARSENAL ST
SAINT LOUIS, MO 63139

Medicare Hospital Provider Number: 260171

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	18	0	6 - 27	15	20	1 - 53
Cancer	1	0	3 - 99	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	1	0	1 - 97	1	100	3 -100
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	1	0	0 -100	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 - 99	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	1	0	0 -100	0	-	-
Musculoskeletal/Skin Conditions	1	0	0 -100	2	0	0 - 99
Neuropsychiatric/Sensory Disease	1	0	0 -100	0	-	-
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1982

Total Beds (#):	20
Ownership/Control:	State Government

STAFFING

Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST LUKE'S HOSP OF KANSAS CITY

4400 WORNALL ROAD POB 119000
KANSAS CITY, MO 64111

Medicare Hospital Provider Number: 260138

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	5,628	9	9 - 12	5,729	8	9 - 13
Cancer	224	28	32 - 51	223	29	34 - 52
Cerebrovascular Accidents	145	21	19 - 34	139	20	19 - 34
Gastrointestinal Catastrophes	34	38	17 - 53	38	37	24 - 59
Infectious Disease	33	30	19 - 53	37	35	24 - 58
Metabolic/Electrolyte Disorders	38	24	11 - 43	55	18	10 - 37
Pulmonary Disease	177	23	20 - 36	166	15	18 - 34
Renal Failure	50	6	8 - 52	35	14	7 - 56
Severe Acute Heart Disease	246	27	28 - 43	240	27	30 - 45
Severe Chronic Heart Disease	231	22	17 - 30	227	17	19 - 31
Severe Trauma	12	25	8 - 59	16	31	12 - 60
Gastrointestinal Disease	289	3	1 - 6	340	0	2 - 5
Gynecologic Disease	40	2	0 - 81	42	0	0 - 97
Low-Risk Heart Disease	1,264	3	2 - 5	1,270	4	2 - 5
Musculoskeletal/Skin Conditions	574	2	1 - 5	595	2	1 - 5
Neuropsychiatric/Sensory Disease	143	1	1 - 7	181	2	1 - 8
Urologic Disease	219	2	0 - 8	191	3	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 595
Occupancy Rate (%): 74
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 274
Percent of Physicians Who Are Board Certified Specialists: 84
Interns and Residents: 88
Registered Nurses: 633
Licensed Practical Nurses: 52

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: Yes
Hospice Care: No

CHARLES C. LINDSTROM
EXECUTIVE VICE PRESIDENT AND
CHIEF EXECUTIVE OFFICER

October 13, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
s-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for the opportunity to provide input into the mortality information report which HCFA plans to release in December 1988.

As requested in Dr. William Roper's letter of September 15, enclosed please find our comments relative to St. Luke's Hospital. We have reviewed the data with the appropriate hospital departments, including Medical Records and Quality Assurance, and offer the enclosed comments for inclusion in your final report.

If you have additional questions regarding our information, please contact me.

Sincerely,

L:s

Enclosures

Hospital Mortality Information Response - 1988 Report
Comments Provided by
St. Luke's Hospital of Kansas City
Wornall Road at Forty Fourth
Kansas City, Missouri 64111
Medicare Number

To verify the mortality data provided by the Health Care Financing Administration, St. Luke's Hospital compared HCFA data with our own Medical Records and Quality Assurance Department reports. Overall, we found the HCFA information to be consistent with our own findings in these areas.

We did find inconsistent data in the "Hospital Characteristics" section. St. Luke's Hospital is licensed at 686 beds. In 1986 and 1987 we reported 590 operational beds (excluding nursery and intensive care nursery) In 1986 our total occupancy rate was 73.4% and in 1987, 72.6%. Ownership/control is private, non-profit. In 1986 we listed 555 total physicians, 247 active (primary/associate status). In 1987 we had 582 physicians on staff, 273 of whom were active. All primary staff are required to be board certified.

Interns and residents per the 590 operational beds in 1986 and 1987 respectively were .144 and .136. Registered nurses per operational bed in 1986 and 1987 (including 55 nursery and intensive care nursery beds) were 1.475 and 1.387. Licensed practical nurses per bed in 1986 and 1987 were .083 and .086.

It should also be noted, as HCFA indicated in its report, the mortality information released cannot provide a complete measure of quality of care. While the report provides information which hospitals can use in addition to their own data on these issues, additional statistical measures need to be developed to address such significant and complex qualifiers as severity of illness which will vary from hospital to hospital.

St. Luke's Hospital is a tertiary care center providing a full range of specialized services to patients in a five state region. More than 25,000 patients are admitted to the hospital each year. Of these patients, approximately 40 percent are referred from outside our primary and secondary service areas.

Each year the hospital also provides care for more than 16,000 emergency patients and 85,000 outpatients and delivers more than 2,600 babies. Medicare patients account for 40 percent of our total patient population and 50 percent of our patient days. As a regional referral center providing tertiary care, we see a more complex patient, generally with a multiple diagnosis. We also treat significant numbers of high risk patients through our cardiac, cancer, obsetrical, neuroscience, and trauma programs.

We are a Level 1 Trauma Center and we provide regional cardiac care through the Mid America Heart Institute. To support the trauma service as well as other specialty areas of the hospital, such as cardiac care, the hospital also sponsors a fixed wing and a helicopter air ambulance service.

In addition, St. Luke's Hospital provides a full range of health care related programs for patients and the general community. These include public forums, lifestyle enhancement classes, and a speakers bureau, as well as a variety of specialized service programs such as the Older Adult Resource Center, the Women's Resource Center and the Better Living and Breathing Club for persons with respiratory/pulmonary problems. The hospital also provides a number of support programs for patients and their families including the Cancer Patient Support Team, the Bereavement Support Group, the Infertility Network, and the Brain Tumor Support Group.

St. Luke's Hospital has served the Kansas City community and the five state region for more than 100 years as a nonprofit institution. Since its founding, the hospital has been a teaching institution and today sponsors residency programs which enroll approximately 80 residents each year, a diploma nursing school, with an enrollment of approximately 150 students, and a wide range of allied health education programs.

In addition, St. Luke's Hospital supports the Residents Clinic which provides care for more than 13,000 indigent and low income patients each year. Approximately $11 million in uncompensated charity health care is provided by the hospital each year, in addition to contractual allowances for the treatment of Medicare and Medicaid patients.

St. Luke's Hospital has an ongoing program to review quality of patient care and ensure appropriate utilization of services to Medicare patients. The hospital's Quality Assurance Department, in cooperation with the Medical Staff's Quality Assurance Committee, conducts an ongoing assessment of pharmacy and therapeutic review, blood utilization review, medical records review, antibiotic and drug usage evaluation, and infection control. Each of the hospital's patient care departments also has an internal Quality Assurance program that reports to a hospital Quality Assurance committee. The hospital also maintains a Risk Management Department. St. Luke's Hospital meets the standards set by the Joint Commission for Accreditation of Hospitals in all areas.

ST LUKE'S HOSP WEST

232 S WOODS MILL RD
CHESTERFIELD, MO 63017

Medicare Hospital Provider Number: 260179

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,090	9	9 - 13	3,056	9	9 - 13
Cancer	142	40	29 - 51	136	40	31 - 53
Cerebrovascular Accidents	106	23	20 - 37	87	20	19 - 37
Gastrointestinal Catastrophes	21	19	19 - 57	17	29	19 - 63
Infectious Disease	19	37	17 - 61	23	39	16 - 57
Metabolic/Electrolyte Disorders	37	16	15 - 45	33	21	11 - 44
Pulmonary Disease	122	20	19 - 36	104	20	17 - 36
Renal Failure	8	13	10 - 70	15	40	15 - 73
Severe Acute Heart Disease	95	27	28 - 48	113	35	29 - 49
Severe Chronic Heart Disease	152	28	16 - 32	131	17	16 - 31
Severe Trauma	8	25	11 - 70	6	0	11 - 63
Gastrointestinal Disease	230	3	1 - 7	222	2	1 - 7
Gynecologic Disease	55	0	0 -100	52	0	0 - 68
Low-Risk Heart Disease	457	2	2 - 5	456	2	2 - 5
Musculoskeletal/Skin Conditions	389	2	1 - 5	377	1	1 - 4
Neuropsychiatric/Sensory Disease	81	1	1 - 11	107	3	0 - 14
Urologic Disease	85	1	0 - 16	104	2	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	368
Occupancy Rate (%):	73
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	484
Percent of Physicians Who Are Board Certified Specialists:	82
Interns and Residents:	101
Registered Nurses:	398
Licensed Practical Nurses:	111

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	Yes

ST MARY'S HEALTH CTR
610 W ELM ST
JEFFERSON CITY, MO 65101

Medicare Hospital Provider Number: 260011

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	879	13	10 - 15	887	13	10 - 15
Cancer	13	38	20 - 71	18	44	20 - 65
Cerebrovascular Accidents	78	22	18 - 38	54	20	15 - 38
Gastrointestinal Catastrophes	7	29	6 - 70	11	18	9 - 59
Infectious Disease	9	33	10 - 68	2	50	4 - 92
Metabolic/Electrolyte Disorders	9	22	3 - 63	7	29	5 - 69
Pulmonary Disease	46	26	12 - 39	50	32	14 - 42
Renal Failure	1	100	3 - 99	5	20	16 - 87
Severe Acute Heart Disease	46	39	24 - 54	53	47	27 - 54
Severe Chronic Heart Disease	47	19	10 - 34	55	31	13 - 38
Severe Trauma	1	0	0 - 99	2	0	0 - 98
Gastrointestinal Disease	72	8	0 - 27	68	6	1 - 19
Gynecologic Disease	15	0	0 -100	18	0	0 -100
Low-Risk Heart Disease	102	5	1 - 13	93	3	1 - 12
Musculoskeletal/Skin Conditions	90	1	1 - 9	102	3	1 - 11
Neuropsychiatric/Sensory Disease	22	9	0 - 88	35	9	0 - 81
Urologic Disease	27	0	0 - 83	26	0	0 - 28

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	130
Occupancy Rate (%):	53
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	72
Percent of Physicians Who Are Board Certified Specialists:	68
Interns and Residents:	0
Registered Nurses:	101
Licensed Practical Nurses:	39

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST MARY'S HLTH CTR

6420 CLAYTON RD
RICHMOND HEIGHTS, MO 63117

Medicare Hospital Provider Number: 260091

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,124	11	10 - 14	4,084	10	10 - 14
Cancer	175	34	32 - 51	165	35	30 - 50
Cerebrovascular Accidents	130	21	18 - 34	125	22	19 - 36
Gastrointestinal Catastrophes	33	30	22 - 58	37	27	18 - 52
Infectious Disease	63	21	24 - 49	53	49	23 - 54
Metabolic/Electrolyte Disorders	81	11	12 - 35	77	9	9 - 31
Pulmonary Disease	177	28	19 - 36	162	27	18 - 35
Renal Failure	17	35	21 - 76	21	48	19 - 74
Severe Acute Heart Disease	162	41	31 - 49	157	36	31 - 49
Severe Chronic Heart Disease	208	25	17 - 31	197	29	18 - 32
Severe Trauma	4	25	6 - 81	7	29	5 - 70
Gastrointestinal Disease	292	3	1 - 7	318	2	2 - 6
Gynecologic Disease	41	0	0 -100	46	0	0 - 99
Low-Risk Heart Disease	657	3	2 - 6	557	2	2 - 6
Musculoskeletal/Skin Conditions	399	2	1 - 5	424	2	1 - 5
Neuropsychiatric/Sensory Disease	156	1	0 - 7	178	1	1 - 6
Urologic Disease	157	1	0 - 8	135	4	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	495
Occupancy Rate (%):	76
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	391
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	36
Registered Nurses:	354
Licensed Practical Nurses:	135

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST MARYS HOSP OF BLUE SPRINGS

201 WEST R D MIZE RD
BLUE SPRINGS, MO 64015

Medicare Hospital Provider Number: 260193

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	831	11	9 - 14	827	10	10 - 15
Cancer	26	50	25 - 64	28	39	23 - 60
Cerebrovascular Accidents	35	31	11 - 43	27	19	14 - 45
Gastrointestinal Catastrophes	6	0	7 - 59	9	33	14 - 71
Infectious Disease	6	17	14 - 75	5	20	8 - 76
Metabolic/Electrolyte Disorders	11	18	10 - 59	9	11	7 - 57
Pulmonary Disease	62	21	17 - 39	61	15	18 - 39
Renal Failure	10	10	11 - 67	6	50	9 - 81
Severe Acute Heart Disease	15	60	21 - 68	33	36	27 - 60
Severe Chronic Heart Disease	43	30	11 - 40	46	26	13 - 40
Severe Trauma	4	25	3 - 80	1	0	1 - 97
Gastrointestinal Disease	46	0	1 - 12	54	7	0 - 38
Gynecologic Disease	15	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	82	2	1 - 11	75	4	1 - 14
Musculoskeletal/Skin Conditions	123	3	0 - 13	107	2	0 - 11
Neuropsychiatric/Sensory Disease	32	0	0 - 20	22	9	0 - 99
Urologic Disease	45	0	0 - 34	34	0	0 - 35

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	120
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	93
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST MARYS HOSPITAL NORTH

200 MAIN STREET
KANSAS CITY, MO 64108

Medicare Hospital Provider Number: 260118

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,248	10	9 - 14	1,467	10	9 - 13
Cancer	44	41	28 - 60	37	24	30 - 61
Cerebrovascular Accidents	39	26	18 - 46	61	28	19 - 42
Gastrointestinal Catastrophes	7	29	9 - 72	11	45	14 - 69
Infectious Disease	18	33	17 - 61	21	38	16 - 58
Metabolic/Electrolyte Disorders	21	19	6 - 46	23	26	9 - 49
Pulmonary Disease	77	27	15 - 38	76	20	15 - 36
Renal Failure	6	50	11 - 82	1	0	0 - 97
Severe Acute Heart Disease	39	56	20 - 52	34	32	22 - 54
Severe Chronic Heart Disease	56	16	15 - 36	58	28	14 - 38
Severe Trauma	3	0	1 - 83	3	0	3 - 79
Gastrointestinal Disease	102	0	1 - 6	97	5	1 - 14
Gynecologic Disease	13	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	148	3	1 - 8	190	3	1 - 7
Musculoskeletal/Skin Conditions	153	1	1 - 6	170	3	1 - 8
Neuropsychiatric/Sensory Disease	47	2	0 - 20	69	3	0 - 20
Urologic Disease	50	0	0 - 18	65	2	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	350
Ownership/Control:	Church

STAFFING

Interns and Residents:	110
Registered Nurses:	173
Licensed Practical Nurses:	460

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST MARYS WEST

1027 BELLEVUE AVE
RICHMOND HEIGHTS, MO 63117

Medicare Hospital Provider Number: 260192

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	111	0	1 - 6	262	0	3 - 7
Cancer	0	-	-	2	0	4 - 89
Cerebrovascular Accidents	0	-	-	2	0	3 - 88
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	7	0	4 - 52
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	1	0	1 - 97
Severe Chronic Heart Disease	1	0	0 - 99	6	0	4 - 57
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	12	0	0 - 77
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	2	0	0 -100	12	0	0 - 98
Musculoskeletal/Skin Conditions	12	0	0 -100	43	0	0 - 46
Neuropsychiatric/Sensory Disease	79	0	0 - 9	137	0	1 - 5
Urologic Disease	1	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	62
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	4
Registered Nurses:	23
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	Yes
Hospice Care:	No

ST PETERS COMM HOSP

10 HOSPITAL DR
SAINT PETERS, MO 63376

Medicare Hospital Provider Number: 260191

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	475	8	7 - 13	626	10	9 - 15
Cancer	14	43	20 - 70	15	33	20 - 67
Cerebrovascular Accidents	16	13	11 - 47	37	27	16 - 46
Gastrointestinal Catastrophes	2	50	0 - 95	4	0	5 - 71
Infectious Disease	3	0	3 - 79	3	0	8 - 81
Metabolic/Electrolyte Disorders	6	50	4 - 75	9	22	2 - 64
Pulmonary Disease	26	31	16 - 52	27	33	17 - 53
Renal Failure	0	-	-	3	67	9 - 92
Severe Acute Heart Disease	12	42	17 - 69	25	36	27 - 64
Severe Chronic Heart Disease	16	25	6 - 50	29	24	12 - 44
Severe Trauma	2	0	1 - 90	0	-	-
Gastrointestinal Disease	36	3	0 - 31	54	0	1 - 10
Gynecologic Disease	12	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	51	4	0 - 23	82	2	1 - 11
Musculoskeletal/Skin Conditions	54	0	0 - 14	91	2	0 - 11
Neuropsychiatric/Sensory Disease	17	0	0 - 94	33	0	0 - 28
Urologic Disease	26	0	0 - 62	15	7	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	119
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	89
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

ST VINCENT S HOSP

801 LINCOLN AVE
MONETT, MO 65708

Medicare Hospital Provider Number: 260012

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	632	12	11 - 17	634	13	10 - 16
Cancer	3	67	8 - 88	4	75	9 - 82
Cerebrovascular Accidents	26	46	14 - 51	25	40	12 - 50
Gastrointestinal Catastrophes	3	33	2 - 86	5	20	6 - 75
Infectious Disease	2	50	6 - 95	5	20	6 - 74
Metabolic/Electrolyte Disorders	35	17	11 - 42	36	17	9 - 40
Pulmonary Disease	67	16	19 - 40	58	29	14 - 40
Renal Failure	2	100	4 - 90	5	100	27 - 90
Severe Acute Heart Disease	19	42	23 - 66	24	50	25 - 64
Severe Chronic Heart Disease	53	23	15 - 39	54	28	15 - 40
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	47	0	1 - 12	45	2	1 - 17
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	101	3	1 - 10	109	2	1 - 8
Musculoskeletal/Skin Conditions	56	5	0 - 21	64	2	1 - 12
Neuropsychiatric/Sensory Disease	16	0	0 - 87	13	0	0 - 99
Urologic Disease	19	0	0 - 31	12	0	0 - 82

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	53
Occupancy Rate (%):	68
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	19
Percent of Physicians Who Are Board Certified Specialists:	32
Interns and Residents:	0
Registered Nurses:	25
Licensed Practical Nurses:	13

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

STE GENEVIEVE CO MEM HOSP

HIGHWAY 61 32
STE GENEVIEVE, MO 63670

Medicare Hospital Provider Number: 260164

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	251	15	9 - 19	269	14	11 - 20
Cancer	5	60	14 - 84	6	50	12 - 79
Cerebrovascular Accidents	7	57	5 - 71	11	18	10 - 57
Gastrointestinal Catastrophes	2	0	5 - 89	2	0	2 - 89
Infectious Disease	7	43	9 - 73	1	0	0 - 99
Metabolic/Electrolyte Disorders	5	0	9 - 66	6	17	12 - 74
Pulmonary Disease	22	32	13 - 52	29	38	13 - 49
Renal Failure	1	0	2 - 97	1	100	3 -100
Severe Acute Heart Disease	7	57	16 - 79	14	21	21 - 65
Severe Chronic Heart Disease	21	14	10 - 43	30	20	10 - 40
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	29	0	0 - 26	20	5	0 - 85
Gynecologic Disease	4	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	20	0	0 - 30	21	0	0 - 40
Musculoskeletal/Skin Conditions	25	0	0 - 34	28	0	0 - 21
Neuropsychiatric/Sensory Disease	8	0	0 -100	4	0	0 -100
Urologic Disease	9	0	0 -100	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	51
Occupancy Rate (%):	24
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	0
Registered Nurses:	23
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

STILL CHARLES E OSTEO HOSP

1125 S MADISON ST
JEFFERSON CITY, MO 65101

Medicare Hospital Provider Number: 260037

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,078	14	11 - 16	1,053	15	12 - 17
Cancer	45	42	29 - 60	40	57	33 - 66
Cerebrovascular Accidents	81	31	18 - 39	76	24	17 - 38
Gastrointestinal Catastrophes	6	50	7 - 76	7	43	7 - 72
Infectious Disease	20	30	12 - 54	17	35	15 - 61
Metabolic/Electrolyte Disorders	20	25	9 - 51	21	24	10 - 50
Pulmonary Disease	88	27	17 - 39	81	31	16 - 39
Renal Failure	8	25	13 - 77	15	40	16 - 74
Severe Acute Heart Disease	47	32	26 - 54	42	31	27 - 56
Severe Chronic Heart Disease	44	20	10 - 36	52	31	13 - 40
Severe Trauma	1	0	0 -100	1	100	1 - 97
Gastrointestinal Disease	63	5	0 - 22	67	7	1 - 21
Gynecologic Disease	13	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	104	6	1 - 13	109	3	1 - 10
Musculoskeletal/Skin Conditions	117	2	0 - 9	120	4	1 - 11
Neuropsychiatric/Sensory Disease	24	0	0 - 47	30	3	0 - 37
Urologic Disease	37	0	0 - 29	28	0	0 - 32

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	174
Occupancy Rate (%):	58
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	75
Percent of Physicians Who Are Board Certified Specialists:	56
Interns and Residents:	15
Registered Nurses:	77
Licensed Practical Nurses:	66

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CHARLES E. STILL
HOSPITAL

1125 Madison • P.O. Box 1128 • Jefferson City, Missouri 65102 • Phone (314) 635-7141

John C. Vaughn
President, Board of Trustees

James P. Cox
Administrator
Chief Executive Officer

Carl G. Bynum, D.O.
Chief of Staff

October 11, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We have reviewed the information from Health and Human Services dated September 15, 1988 reflecting mortality information on Medicare patients discharged from our hospital in 1987. While we do not wish to address the actual mortality statistics, we do wish to ammend the Hospital Characteristics listed at the bottom of the information sheet. Listed below you will find the items identified to be wrong and the correct data for each category.

Category	Listed Data	Correct 1986 Data
Beds (#)	77	165
Total # of Physicians	70	67
% of Physicians who are Board Certified Specialists	36	54
Interns & Residents/bed	.19	.09
Registered Nurses/bed	.91	.49
Liscensed Practical Nurses/bed	.65	.33
Specialty Services		
Coronary Care Unit	No	Yes

Please amend our 1986 Hospital Characteristics to reflect the above corrections. Thank you.

Sincerely,

James P. Cox

James P. Cox
Administrator

SULLIVAN CO MEM HOSP

630 W 3RD ST
MILAN, MO 63556

Medicare Hospital Provider Number: 260143

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	124	21	11 - 26	135	24	10 - 25
Cancer	3	67	8 - 89	0	-	-
Cerebrovascular Accidents	7	14	5 - 63	5	20	5 - 74
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	11	18	11 - 60	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	6	67	11 - 77
Pulmonary Disease	14	21	10 - 55	16	50	13 - 60
Renal Failure	1	0	0 -100	3	33	7 - 90
Severe Acute Heart Disease	4	25	7 - 81	4	75	15 - 88
Severe Chronic Heart Disease	8	50	7 - 69	5	100	7 - 64
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	11	0 - 80	16	6	0 - 65
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	9	11	0 -100	6	17	0 - 99
Musculoskeletal/Skin Conditions	1	0	0 -100	7	14	0 - 95
Neuropsychiatric/Sensory Disease	1	0	0 -100	3	0	0 -100
Urologic Disease	11	9	0 - 93	6	0	0 - 87

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	47
Occupancy Rate (%):	17
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	23
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SWEET SPRINGS COMM HOSP

701 BRIDGE STREET BOX 206
SWEET SPRINGS, MO 65351

Medicare Hospital Provider Number: 260026

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	148	16	13 - 25	174	13	11 - 22
Cancer	3	67	10 - 91	3	100	20 - 93
Cerebrovascular Accidents	8	38	7 - 68	6	50	8 - 76
Gastrointestinal Catastrophes	1	100	1 - 97	0	-	-
Infectious Disease	2	0	5 - 89	1	0	3 - 99
Metabolic/Electrolyte Disorders	4	50	7 - 83	1	0	0 - 98
Pulmonary Disease	15	47	19 - 67	25	20	22 - 55
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	6	33	12 - 78	9	56	16 - 73
Severe Chronic Heart Disease	13	23	15 - 60	12	17	7 - 53
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	7	0	0 - 93	14	7	0 - 57
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	10	10	0 - 90	24	0	0 - 27
Musculoskeletal/Skin Conditions	17	6	0 - 94	12	0	0 - 97
Neuropsychiatric/Sensory Disease	6	17	0 - 97	5	20	0 -100
Urologic Disease	8	0	0 -100	12	0	0 - 82

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	31
Occupancy Rate (%):	26
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	12
Percent of Physicians Who Are Board Certified Specialists:	42
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

TEXAS CO MEM HOSP

1333 HIGHWAY 63
HOUSTON, MO 65483

Medicare Hospital Provider Number: 260024

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	441	11	10 - 16	535	9	10 - 16
Cancer	3	0	9 - 82	3	33	10 - 90
Cerebrovascular Accidents	21	24	12 - 50	26	35	15 - 51
Gastrointestinal Catastrophes	3	67	6 - 87	2	50	4 - 93
Infectious Disease	2	0	0 - 92	6	17	9 - 71
Metabolic/Electrolyte Disorders	4	25	4 - 80	9	11	7 - 58
Pulmonary Disease	59	24	15 - 39	75	13	17 - 36
Renal Failure	1	100	3 - 98	1	0	1 - 97
Severe Acute Heart Disease	15	33	20 - 66	11	27	19 - 69
Severe Chronic Heart Disease	34	24	12 - 42	40	13	15 - 37
Severe Trauma	1	0	0 - 99	0	-	-
Gastrointestinal Disease	41	0	0 - 19	38	3	0 - 25
Gynecologic Disease	4	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	45	2	1 - 18	73	1	1 - 10
Musculoskeletal/Skin Conditions	43	2	0 - 24	35	0	1 - 15
Neuropsychiatric/Sensory Disease	6	0	0 -100	24	0	0 - 45
Urologic Disease	22	0	0 - 52	25	4	0 - 44

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	53
Occupancy Rate (%):	45
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	25
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	21
Licensed Practical Nurses:	29

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	Yes

THE UNIVERSITY HOSPITAL ST LOUIS UN

1325 S GRAND BLVD
SAINT LOUIS, MO 63104

Medicare Hospital Provider Number: 260105

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,521	12	10 - 14	2,535	12	9 - 14
Cancer	109	35	31 - 54	110	25	30 - 52
Cerebrovascular Accidents	86	29	16 - 37	81	27	15 - 36
Gastrointestinal Catastrophes	10	30	12 - 67	21	29	16 - 58
Infectious Disease	30	37	20 - 57	15	40	16 - 65
Metabolic/Electrolyte Disorders	44	16	13 - 41	37	30	13 - 47
Pulmonary Disease	61	18	14 - 36	65	25	16 - 40
Renal Failure	36	6	9 - 53	19	0	4 - 53
Severe Acute Heart Disease	122	37	26 - 45	107	51	26 - 47
Severe Chronic Heart Disease	106	24	14 - 31	126	20	17 - 33
Severe Trauma	11	27	6 - 61	11	73	8 - 63
Gastrointestinal Disease	67	1	1 - 12	81	4	2 - 13
Gynecologic Disease	13	0	0 -100	18	0	0 -100
Low-Risk Heart Disease	543	10	2 - 8	521	6	2 - 7
Musculoskeletal/Skin Conditions	261	2	1 - 6	248	6	0 - 9
Neuropsychiatric/Sensory Disease	89	8	0 - 22	82	7	0 - 28
Urologic Disease	63	5	0 - 49	63	0	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 306
Occupancy Rate (%): 80
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 308
Percent of Physicians Who Are Board Certified Specialists: 69
Interns and Residents: 0
Registered Nurses: 329
Licensed Practical Nurses: 110

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: Yes
Hospice Care: No

St. Louis University
Medical Center

Health Services Division
1325 S. Grand Blvd., St. Louis, Mo. 63104
314/577-8000

The University Hospital

October 21, 1988

TO: William L. Roper, M.D.
Administrator
Health Care Financing Administration
Department of Health & Human Services
HHH Building, Room 314-G
200 Independence Avenue, SW
Washington, D.C. 20201

ATTENTION: Sandra Kappert

FROM: The University Hospital I.D. NO. 260105

SUBJECT: Mortality Report

Comment:

HCFA reported 52 deaths among 453 patients in the category of low risk heart disease. Of the 52, one was not a patient of this hospital; four patients died more than 30 days after discharge or are still alive.

Fifteen patients with acute myocardial infarction who were transferred to this hospital for treatment died. These patients were extraordinary high risk but placed in a low risk category by HFCA-mandated coding as ischemic heart disease other than myocardial infarction.

Two patients with terminal cancer were coded for the complication of deep venous thrombosis which precipitated admission to the hospital rather than for cancer.

When the patients treated for high risk heart disease are removed from the corrected number of patients who died within 30 days of discharge, (52-5) - (15) = 32 remain coded in respect to low risk discease process for a mortality rate of 7.07%.

Hospital Characteristics

Survey and Year: AHA 1987

Beds (#): 306 in service, 362 licensed
Occupancy Rate (%): 80.2%
Ownership/Control: Private, Non-Profit

Specialty Services:
Shock/Trauma or Burn Unit: Yes
Coronary Care Unit: Yes
Organ Transplant Service: Yes
Hospice Care: No

Staffing:
Total number of physicians: 751
Percent of physicians who are Board Certified Specialists: 73
Interns and residents per bed: 0.35 (based on bed complement)
Registered nurses per bed: 1.07 (based on bed complement)
Licensed Practical Nurses per bed: 0.45 (based on bed complement)

Sincerely,

Herbert B Schneiderman
Herbert B. Schneiderman
Chief Executive Officer

Ralph A Kinsella Jr.
Ralph A. Kinsella, M.D.
Medical Director

HBS/RAK:mff

TRINITY LUTHERAN HOSP

31ST WYANDOTTE STS
KANSAS CITY, MO 64108

Medicare Hospital Provider Number: 260031

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,794	10	10 - 15	1,888	9	10 - 15
Cancer	94	34	31 - 55	109	36	32 - 55
Cerebrovascular Accidents	48	25	17 - 42	52	19	18 - 41
Gastrointestinal Catastrophes	13	31	17 - 67	12	8	17 - 58
Infectious Disease	27	19	22 - 55	28	43	23 - 61
Metabolic/Electrolyte Disorders	36	11	13 - 41	31	0	11 - 33
Pulmonary Disease	76	28	21 - 43	59	24	19 - 43
Renal Failure	8	38	14 - 80	11	45	16 - 79
Severe Acute Heart Disease	63	33	25 - 50	59	31	27 - 52
Severe Chronic Heart Disease	93	23	15 - 33	83	19	16 - 35
Severe Trauma	0	-	-	2	0	5 - 89
Gastrointestinal Disease	94	4	1 - 12	92	0	1 - 7
Gynecologic Disease	13	0	0 -100	19	0	0 -100
Low-Risk Heart Disease	313	3	2 - 7	291	3	2 - 7
Musculoskeletal/Skin Conditions	170	1	1 - 6	169	7	1 - 11
Neuropsychiatric/Sensory Disease	132	0	1 - 6	163	0	1 - 5
Urologic Disease	70	1	1 - 12	79	3	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	342
Ownership/Control:	Church

STAFFING

Interns and Residents:	12
Registered Nurses:	201
Licensed Practical Nurses:	98

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	Yes

Trinity Lutheran Hospital
3030 Baltimore Avenue
Kansas City, Missouri 64108
(816) 753-4600

October 20, 1988

Health Standards & Quality Bureau, HCFA
2-D-Z Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Attention: Mrs. Sandra Kappert

Re: Medicare Provider #260031

Dear Mrs. Kappert:

At Trinity Lutheran Hospital, a quality of care is of the utmost concern to the Governing Board, the Management and the Medical Staff. Trinity also believes that consumers should have access to information on the quality of care that is available to them. We recognize the mortality data published by the Health Care Financing Administration (HCFA) does not provide a complete measure of the quality of care at an individual hospital, nor does it allow consumers to make comparisons among hospitals. This data is more appropriate for use by hospitals to focus reviews of care rendered. In turn, consumers should focus on the types and extent of quality assurance and peer review activities performed at each health care institution.

At Trinity, there are eight peer review committees of the Medical Staff and an overall quality assurance program for the hospital and medical staff. Every death in the hospital is reviewed on a monthly basis by a group of physicians, administration and ancillary personnel. Reviews are also performed monthly on service - specific quality indicators (e.g., blood transfusion reactions, drug reactions, etc.). Emphasis is focused on clinical performance. Finally, numerous areas are monitored on a continuous basis to identify areas where problems could occur. Information resulting from these reviews is then passed on to additional medical staff and board committees. Concerns needing attention (directly related to patient care) are addressed immediately and are resolved. This places Trinity in a pro-active stance toward the assurance of quality care with continuous monitoring and correction of systems, etc., before problems occur.

Consumers should realize that the mix and severity of patients differ from one hospital to another. Trinity Lutheran Hospital, a tertiary speciality hospital, is dedicated to the provision of quality care to a very large number of severely ill patients. Trinity will continue its efforts to remain a forerunner in development of quality assurance systems.

Respectfully,

Patrick R. Garrett
Chief Operating Officer

PRG/jr

TRUMAN MED CTR

2301 HOLMES
KANSAS CITY, MO 64108

Medicare Hospital Provider Number: 260048

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,272	11	9 - 14	1,306	11	8 - 13
Cancer	60	35	29 - 56	41	34	23 - 55
Cerebrovascular Accidents	61	21	12 - 34	53	15	15 - 37
Gastrointestinal Catastrophes	22	27	12 - 53	15	33	10 - 58
Infectious Disease	15	40	10 - 59	13	38	18 - 69
Metabolic/Electrolyte Disorders	37	14	10 - 39	18	28	7 - 52
Pulmonary Disease	50	20	11 - 36	43	19	10 - 37
Renal Failure	11	9	13 - 67	12	58	9 - 71
Severe Acute Heart Disease	38	53	24 - 57	43	44	25 - 55
Severe Chronic Heart Disease	75	8	16 - 31	65	18	14 - 34
Severe Trauma	3	33	3 - 86	4	50	2 - 84
Gastrointestinal Disease	65	3	0 - 20	87	2	0 - 13
Gynecologic Disease	5	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	139	3	1 - 9	125	3	1 - 10
Musculoskeletal/Skin Conditions	108	4	0 - 15	124	2	0 - 9
Neuropsychiatric/Sensory Disease	78	0	0 - 8	92	8	0 - 28
Urologic Disease	27	0	0 - 72	35	0	0 - 24

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 275
Occupancy Rate (%): 90
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 273
Percent of Physicians Who Are Board Certified Specialists: 67
Interns and Residents: 0
Registered Nurses: 260
Licensed Practical Nurses: 148

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: Yes
Hospice Care: No

Truman Medical Center

2301 Holmes Street
Kansas City, Missouri 64108 A.C. 816/556-3149

Office of the Executive Director

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Ladies and Gentlemen:

The Health Care Financing Administration has released mortality rates for Medicare patients treated in 1986 and 1987. These rates are based on statistical models using the actual percent of Medicare patients who died within 30 days of their last hospitalization and the predicted range of the percent of patients who would have been expected to die given their condition.

Truman Medical Center West experienced an 11% mortality rate within the population of 1,272 Medicare patients treated in 1987. The predicted range of mortality rates for this group of patients is 9% to 14%. The mortality rate in 1987 is the same as the adjusted 1986 rate.

It is important to note that the 1986 data published this year for comparison are significantly different than the 1986 data reported in December 1987. Truman Medical Center West experienced changes in twelve of the fourteen categories. This change is a function of a change in HCFA's statistical modeling and not a change in actual mortality rates in those patient groups. In addition, several discrepancies exist in the hospital characteristics appearing on this report.

Mortality rates are useful within a hospital to suggest areas for review as part of the established Quality Assurance Program. These data should not be used to draw comparisons between hospitals. Differing levels of severity of illness or underlying external factors which affect health status will cause differing mortality rates in similarly-sized hospitals within the same community or region. Comparisons between mortality rates in 1987 and 1986 should be made with the adjusted 1986 data.

Sincerely,

James J. Mongan, M.D.
Executive Director
Truman Medical Center, Inc.

Primary Hospital for the University of Missouri-Kansas City School of Medicine

TRUMAN MED CTR-EAST

7900 LEE'S SUMMIT RD
KANSAS CITY, MO 64139

Medicare Hospital Provider Number: 260102

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	228	14	11 - 21	210	17	8 - 19
Cancer	2	50	8 - 97	2	100	10 - 94
Cerebrovascular Accidents	8	25	6 - 65	9	11	7 - 56
Gastrointestinal Catastrophes	2	100	11 - 96	2	0	2 - 89
Infectious Disease	7	14	8 - 66	3	0	5 - 79
Metabolic/Electrolyte Disorders	11	36	4 - 62	4	50	1 - 84
Pulmonary Disease	35	14	13 - 40	15	47	12 - 61
Renal Failure	2	50	8 - 98	2	0	1 - 90
Severe Acute Heart Disease	11	45	14 - 68	7	43	10 - 74
Severe Chronic Heart Disease	11	9	7 - 50	13	23	8 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	12	17	0 - 98	12	8	0 -100
Gynecologic Disease	3	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	21	0	0 - 52	22	5	0 - 71
Musculoskeletal/Skin Conditions	18	6	1 - 40	10	0	0 - 88
Neuropsychiatric/Sensory Disease	4	0	0 -100	9	11	0 -100
Urologic Disease	4	25	0 -100	1	100	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	300
Occupancy Rate (%):	90
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	273
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	80
Licensed Practical Nurses:	45

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

TWIN RIVERS REGIONAL MEDICAL CENTER

1301 FIRST ST
KENNETT, MO 63857

Medicare Hospital Provider Number: 260015

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	661	12	10 - 16	750	13	9 - 15
Cancer	12	67	23 - 74	11	45	19 - 73
Cerebrovascular Accidents	43	28	15 - 43	25	28	15 - 51
Gastrointestinal Catastrophes	6	33	6 - 74	5	60	11 - 82
Infectious Disease	3	33	6 - 87	4	50	10 - 86
Metabolic/Electrolyte Disorders	13	15	6 - 52	15	27	7 - 55
Pulmonary Disease	60	20	14 - 37	47	30	16 - 44
Renal Failure	1	100	3 - 98	3	33	6 - 88
Severe Acute Heart Disease	41	51	23 - 54	45	49	26 - 56
Severe Chronic Heart Disease	29	24	12 - 44	34	21	11 - 40
Severe Trauma	2	0	1 - 91	1	0	0 - 99
Gastrointestinal Disease	55	4	0 - 30	74	3	1 - 13
Gynecologic Disease	7	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	87	0	1 - 6	98	2	1 - 9
Musculoskeletal/Skin Conditions	34	0	0 - 25	57	5	0 - 24
Neuropsychiatric/Sensory Disease	8	0	0 - 96	20	0	0 - 83
Urologic Disease	39	0	1 - 14	55	2	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	97
Occupancy Rate (%):	51
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	31
Percent of Physicians Who Are Board Certified Specialists:	39
Interns and Residents:	0
Registered Nurses:	52
Licensed Practical Nurses:	35

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Twin Rivers
Regional Medical Center
1301 First Street • Kennett, Missouri 63857 • (314) 888-4522

September 30, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

In reviewing Medicare Hospital Mortality Information for Twin Rivers Regional Medical Center, Kennett, Missouri, for the year 1987, it is noted our figures tend to be lower than median in the range of predicted mortality for all categories except cancer and severe acute heart disease. In no case did our hospital exceed the upper limits in the range as published.

The charts of the twenty deaths attributed to severe acute heart disease were examined in detail. Ages ranged from 63 to 97, the average being 77.25 years. There were ten men and ten women. Three patients were in the "no code" category as requested by family. In one patient with COPD and renal failure, the diagnosis of miocardial infarction was not confirmed by ECG or enzyme changes. Five of the twenty died in cardiogenic shock.

As one might expect in this age group, there were significant co-morbidity factors and multiple systems disorders ranging from acute stroke to severe electrolyte disorders. In the six patients in which code blue resuscitations were performed, ACLS protocol was followed strictly in each case.

The charts of nine patients who died from cancer showed that all the admissions were those of patients either in the pre-terminal or terminal stages. Ages ranged from 54 to 83, with the median age of 77. Six were men three were women. Six patients were in a "no code" category. All the tumors had metastasized as expected, there were significant contributory co-morbidity factors in every case.

Careful analysis of clinical evaluation and management showed no discrepancies or unexplained deaths.

It is evident from all the statistics in your mortality review that this hospital adheres to quality care.

This letter is respectfully submitted, to be included in your published review of mortality statistics.

Most cordially yours,

Maynard L. Sisler

Maynard L. Sisler, M.D., F.A.C.P
Medical Director

MLS:jg

UNIV OF HEALTH SCIENCES

2105 INDEPENDENCE BLVD
KANSAS CITY, MO 64124

Medicare Hospital Provider Number: 260058

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	459	15	11 - 18	518	16	11 - 18
Cancer	12	33	16 - 67	10	60	14 - 70
Cerebrovascular Accidents	16	25	10 - 52	19	26	11 - 51
Gastrointestinal Catastrophes	8	50	10 - 72	5	40	9 - 81
Infectious Disease	8	25	9 - 68	12	42	14 - 67
Metabolic/Electrolyte Disorders	22	18	9 - 47	22	45	8 - 52
Pulmonary Disease	30	30	14 - 47	26	15	16 - 46
Renal Failure	5	40	9 - 83	10	60	18 - 81
Severe Acute Heart Disease	23	48	22 - 61	35	54	24 - 57
Severe Chronic Heart Disease	33	15	12 - 39	28	29	14 - 47
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	29	7	0 - 46	36	3	0 - 27
Gynecologic Disease	4	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	31	3	0 - 34	45	2	0 - 19
Musculoskeletal/Skin Conditions	38	5	0 - 73	50	0	0 - 19
Neuropsychiatric/Sensory Disease	16	6	0 - 93	12	0	0 -100
Urologic Disease	23	9	0 - 99	10	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 129
Occupancy Rate (%): 41
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 154
Percent of Physicians Who Are Board Certified Specialists: 46
Interns and Residents: 9
Registered Nurses: 94
Licensed Practical Nurses: 23

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

UNIV OF MISSOURI HOSP AND CLINICS

807 STADIUM RD
COLUMBIA, MO 65201

Medicare Hospital Provider Number: 260141

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,812	11	8 - 13	1,673	10	8 - 13
Cancer	80	31	28 - 52	83	31	32 - 56
Cerebrovascular Accidents	53	40	15 - 42	37	32	14 - 45
Gastrointestinal Catastrophes	12	33	11 - 63	16	44	13 - 61
Infectious Disease	9	44	15 - 74	12	75	18 - 67
Metabolic/Electrolyte Disorders	14	21	8 - 55	8	25	2 - 69
Pulmonary Disease	39	26	11 - 40	51	16	15 - 38
Renal Failure	32	16	4 - 54	49	16	4 - 54
Severe Acute Heart Disease	71	46	24 - 49	41	37	22 - 52
Severe Chronic Heart Disease	45	16	17 - 40	49	18	14 - 37
Severe Trauma	11	45	11 - 67	11	27	8 - 63
Gastrointestinal Disease	76	3	1 - 13	61	7	1 - 21
Gynecologic Disease	15	0	0 -100	23	0	0 - 99
Low-Risk Heart Disease	364	7	2 - 8	274	5	2 - 8
Musculoskeletal/Skin Conditions	167	2	0 - 8	174	2	0 - 7
Neuropsychiatric/Sensory Disease	83	2	0 - 17	93	2	0 - 12
Urologic Disease	76	1	0 - 16	74	1	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	404
Occupancy Rate (%):	77
Ownership/Control:	State Government

STAFFING

Total Number of Physicians:	194
Percent of Physicians Who Are Board Certified Specialists:	86
Interns and Residents:	203
Registered Nurses:	1,039
Licensed Practical Nurses:	207

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

US ARMY HOSP

FORT LEONARD WOOD, MO 65473

Medicare Hospital Provider Number: 26002F

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3	100	0 - 98	3	33	0 -100
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	0	-	-
Musculoskeletal/Skin Conditions	0	-	-	0	-	-
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA (not available)

Total Beds (#):	300
Ownership/Control:	Federal Government

STAFFING

Interns and Residents:	0
Registered Nurses:	0
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

VA HOSP

915 N GRAND BLVD
ST LOUIS, MO 63106

Medicare Hospital Provider Number: 26009F

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	37	5	1 - 24	65	15	2 - 23
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	4	0	0 - 92	0	-	-
Pulmonary Disease	0	-	-	0	-	-
Renal Failure	17	6	0 - 79	62	16	0 - 73
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	1	0	1 - 97
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	1	0	0 -100	0	-	-
Musculoskeletal/Skin Conditions	1	0	0 -100	0	-	-
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA (not available)

Total Beds (#):	509
Ownership/Control:	Federal Government

STAFFING

Interns and Residents:	0
Registered Nurses:	0
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WASHINGTON CO MEM HOSP

300 HENRY BUB DR
POTOSI, MO 63664

Medicare Hospital Provider Number: 260039

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	168	26	11 - 25	281	19	11 - 21
Cancer	1	0	0 - 99	6	67	19 - 85
Cerebrovascular Accidents	5	40	4 - 77	13	31	9 - 58
Gastrointestinal Catastrophes	1	100	2 - 97	3	33	6 - 87
Infectious Disease	0	-	-	1	100	3 - 99
Metabolic/Electrolyte Disorders	2	0	0 - 98	2	0	0 - 99
Pulmonary Disease	23	30	12 - 50	33	30	15 - 48
Renal Failure	4	75	6 - 83	3	67	12 - 95
Severe Acute Heart Disease	14	36	16 - 64	22	41	23 - 63
Severe Chronic Heart Disease	25	40	12 - 50	23	35	7 - 46
Severe Trauma	1	100	1 - 97	0	-	-
Gastrointestinal Disease	6	0	0 -100	17	0	0 - 63
Gynecologic Disease	0	-	-	4	0	0 -100
Low-Risk Heart Disease	24	0	0 - 39	45	2	0 - 20
Musculoskeletal/Skin Conditions	7	0	0 - 70	9	11	0 - 99
Neuropsychiatric/Sensory Disease	0	-	-	5	0	0 -100
Urologic Disease	2	0	0 -100	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 48
Occupancy Rate (%): 25
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 4
Percent of Physicians Who Are Board Certified Specialists: 100
Interns and Residents: 0
Registered Nurses: 11
Licensed Practical Nurses: 15

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

WESTERN MO MEDICAL CTR

BURKARTH RD E GAY ST
WARRENSBURG, MO 64093

Medicare Hospital Provider Number: 260097

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	631	14	12 - 18	694	15	12 - 18
Cancer	11	55	24 - 78	13	38	22 - 72
Cerebrovascular Accidents	22	23	13 - 49	25	28	13 - 49
Gastrointestinal Catastrophes	7	43	11 - 75	3	67	4 - 86
Infectious Disease	10	40	19 - 75	12	50	16 - 69
Metabolic/Electrolyte Disorders	12	33	5 - 60	9	44	10 - 69
Pulmonary Disease	55	38	19 - 46	71	45	23 - 48
Renal Failure	5	20	4 - 78	2	50	7 - 96
Severe Acute Heart Disease	25	48	29 - 68	29	28	25 - 58
Severe Chronic Heart Disease	30	20	13 - 43	45	27	15 - 42
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	42	0	1 - 12	42	2	1 - 17
Gynecologic Disease	6	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	74	3	1 - 12	75	0	2 - 8
Musculoskeletal/Skin Conditions	65	3	1 - 14	65	3	0 - 16
Neuropsychiatric/Sensory Disease	21	5	0 - 85	24	0	0 - 61
Urologic Disease	30	3	0 - 50	29	3	0 - 57

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	78
Occupancy Rate (%):	47
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	28
Percent of Physicians Who Are Board Certified Specialists:	32
Interns and Residents:	0
Registered Nurses:	63
Licensed Practical Nurses:	24

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WRIGHT MEM HOSP

701 E FIRST
TRENTON, MO 64683

Medicare Hospital Provider Number: 260055

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	436	13	10 - 17	533	17	11 - 18
Cancer	8	63	14 - 75	7	100	30 - 75
Cerebrovascular Accidents	31	32	14 - 47	35	46	15 - 48
Gastrointestinal Catastrophes	0	-	-	2	50	3 - 92
Infectious Disease	6	17	10 - 72	5	80	8 - 76
Metabolic/Electrolyte Disorders	7	0	2 - 55	8	50	8 - 71
Pulmonary Disease	38	29	13 - 44	44	16	17 - 42
Renal Failure	4	0	15 - 83	6	83	15 - 82
Severe Acute Heart Disease	22	36	20 - 59	25	44	22 - 60
Severe Chronic Heart Disease	27	15	9 - 38	32	31	11 - 44
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	25	4	0 - 72	33	3	0 - 34
Gynecologic Disease	6	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	34	3	1 - 24	43	2	1 - 17
Musculoskeletal/Skin Conditions	55	2	0 - 26	56	2	0 - 19
Neuropsychiatric/Sensory Disease	13	8	0 -100	22	5	0 - 44
Urologic Disease	13	0	0 - 78	6	17	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	53
Occupancy Rate (%):	38
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	23
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ANTELOPE MEMORIAL HOSP

102 W 9TH ST
NELIGH, NE 68756

Medicare Hospital Provider Number: 280011

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	211	13	9 - 19	212	15	12 - 23
Cancer	8	50	21 - 81	5	40	19 - 90
Cerebrovascular Accidents	18	44	11 - 55	11	9	14 - 55
Gastrointestinal Catastrophes	2	0	2 - 88	5	20	5 - 74
Infectious Disease	2	50	2 - 92	6	67	9 - 76
Metabolic/Electrolyte Disorders	2	0	8 - 92	5	20	1 - 80
Pulmonary Disease	10	0	15 - 50	25	16	14 - 46
Renal Failure	4	25	13 - 90	0	-	-
Severe Acute Heart Disease	5	20	12 - 78	11	45	22 - 75
Severe Chronic Heart Disease	7	14	3 - 64	9	33	5 - 64
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	29	3	0 - 49	16	6	1 - 40
Gynecologic Disease	7	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	13	15	0 - 98	21	10	1 - 41
Musculoskeletal/Skin Conditions	22	9	0 - 64	19	0	0 - 46
Neuropsychiatric/Sensory Disease	8	0	0 - 99	5	0	0 -100
Urologic Disease	11	0	0 - 77	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	49
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	19
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

BEATRICE COMM HOSP AND HLTH CTR

1110 N 10TH ST
BEATRICE, NE 68310

Medicare Hospital Provider Number: 280054

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	566	15	11 - 18	651	14	10 - 17
Cancer	16	56	19 - 66	18	39	23 - 67
Cerebrovascular Accidents	31	19	15 - 45	30	37	17 - 52
Gastrointestinal Catastrophes	9	33	7 - 66	7	43	8 - 73
Infectious Disease	11	9	16 - 59	13	62	17 - 68
Metabolic/Electrolyte Disorders	2	0	0 - 98	11	27	4 - 60
Pulmonary Disease	46	30	18 - 46	33	15	15 - 42
Renal Failure	0	-	-	1	100	2 - 97
Severe Acute Heart Disease	32	41	26 - 60	34	44	23 - 56
Severe Chronic Heart Disease	32	41	9 - 43	28	29	9 - 43
Severe Trauma	1	0	0 - 99	0	-	-
Gastrointestinal Disease	57	2	0 - 18	78	4	1 - 14
Gynecologic Disease	5	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	34	21	0 - 69	48	4	0 - 22
Musculoskeletal/Skin Conditions	33	6	0 - 41	47	0	2 - 11
Neuropsychiatric/Sensory Disease	36	0	0 - 25	32	3	0 - 52
Urologic Disease	26	0	0 - 63	22	0	0 - 46

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	182
Occupancy Rate (%):	62
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	20
Percent of Physicians Who Are Board Certified Specialists:	85
Interns and Residents:	0
Registered Nurses:	60
Licensed Practical Nurses:	25

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BEATRICE STATE DEVELOPMENTAL CTR

3000 LINCOLN BLVD
BEATRICE, NE 68310

Medicare Hospital Provider Number: 280123

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	63	2	0 - 14	109	0	0 - 9
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	1	0	0 -100	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 -100
Pulmonary Disease	5	20	0 - 86	2	0	1 - 90
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	0	0 - 99	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	1	0	0 -100	0	-	-
Gastrointestinal Disease	37	0	0 - 98	81	0	0 - 70
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	1	0	0 -100	0	-	-
Musculoskeletal/Skin Conditions	1	0	0 -100	2	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	4	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	31
Ownership/Control:	State Government

STAFFING

Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	24

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

BERGAN ARCHBISHOP MERCY HOSP

7500 MERCY RD
OMAHA, NE 68124

Medicare Hospital Provider Number: 280060

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,584	10	10 - 14	2,685	11	10 - 14
Cancer	129	39	31 - 53	124	37	29 - 51
Cerebrovascular Accidents	105	27	17 - 36	103	27	17 - 36
Gastrointestinal Catastrophes	23	26	16 - 55	27	19	16 - 51
Infectious Disease	17	12	16 - 52	18	28	17 - 60
Metabolic/Electrolyte Disorders	23	35	5 - 49	32	19	8 - 41
Pulmonary Disease	125	24	18 - 36	119	28	19 - 38
Renal Failure	11	36	11 - 73	11	36	17 - 78
Severe Acute Heart Disease	130	32	28 - 47	145	33	30 - 48
Severe Chronic Heart Disease	123	20	15 - 31	125	26	17 - 34
Severe Trauma	9	44	7 - 68	7	14	7 - 66
Gastrointestinal Disease	215	1	1 - 6	233	5	1 - 8
Gynecologic Disease	41	2	0 -100	41	0	0 -100
Low-Risk Heart Disease	240	4	1 - 8	238	4	1 - 7
Musculoskeletal/Skin Conditions	362	1	1 - 5	370	1	1 - 4
Neuropsychiatric/Sensory Disease	89	1	0 - 13	129	1	0 - 7
Urologic Disease	117	1	0 - 10	110	1	1 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	592
Occupancy Rate (%):	74
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	213
Percent of Physicians Who Are Board Certified Specialists:	63
Interns and Residents:	0
Registered Nurses:	289
Licensed Practical Nurses:	23

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BOONE CO COMM HOSP

723 W FAIRVIEW
ALBION, NE 68620

Medicare Hospital Provider Number: 280031

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	148	16	9 - 22	171	16	9 - 21
Cancer	0	-	-	2	50	1 - 92
Cerebrovascular Accidents	6	17	4 - 68	13	23	9 - 56
Gastrointestinal Catastrophes	0	-	-	2	0	0 - 93
Infectious Disease	2	50	5 - 93	4	25	8 - 82
Metabolic/Electrolyte Disorders	3	33	0 - 93	5	20	0 - 84
Pulmonary Disease	27	30	14 - 49	25	32	15 - 52
Renal Failure	2	100	6 - 91	0	-	-
Severe Acute Heart Disease	8	25	13 - 70	5	40	11 - 82
Severe Chronic Heart Disease	6	33	2 - 74	8	13	8 - 60
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	0	0 - 62	13	0	0 - 85
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	24	4	0 - 42	21	14	0 - 78
Musculoskeletal/Skin Conditions	11	0	2 - 40	16	6	0 - 94
Neuropsychiatric/Sensory Disease	1	0	0 - 99	1	0	0 -100
Urologic Disease	3	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	34
Occupancy Rate (%):	24
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Boone County Community Hospital

723 West Fairview
Box 151
Albion, NE 68620
402-395-2191

Medicare Provider #: 280031

October 20, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

To Whom It May Concern:

We are responding to HCFA's Medicare Hospital Mortality Information.

Our hospital exceeded HCFA's predicted mortality range in one category, renal failure, with an actual mortality rate of 100%. This is a misleading figure. We had two Medicare discharges in 1987 with a principal diagnosis of renal failure. Both patients expired and thus the 100% mortality rate.

Both patients who expired had to odds stacked against them on admission. One patient was 90 years old and was admitted in grave condition with complications and comorbidities to include pneumonia. The patient's family refused any heroic measures to prolong the patient's life. The second patient was terminally ill with metastatic bone and liver cancer, and was admitted in an attempt to control the acute renal failure.

Such a small sample is very misleading. Had one patient remained alive for 30 more days, our mortality rate would have been 50%, in an acceptable range by HCFA's standards. Had we treated and discharged one more patient for renal failure, our mortality rate would have been 66%, also acceptable to HCFA.

HCFA does a grave disservice to hospitals which, like ours, provide high quality care, when it publishes mortality data that misleads the public.

Sincerely,

Carolyn Gray

Carolyn Gray, ART
Director, Medicare Activities

cc: Jean Garten, Administrator

Changing To Meet Your Needs

BOX BUTTE GEN HOSP

2101 BOX BUTTE AVE
ALLIANCE, NE 69301

Medicare Hospital Provider Number: 280118

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	236	12	6 - 15	288	14	6 - 15
Cancer	2	100	3 - 88	1	100	3 - 98
Cerebrovascular Accidents	7	29	5 - 68	10	40	8 - 64
Gastrointestinal Catastrophes	5	40	5 - 78	1	0	0 - 99
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 99	7	43	2 - 74
Pulmonary Disease	13	0	9 - 38	18	28	9 - 52
Renal Failure	2	100	3 - 89	1	100	2 - 97
Severe Acute Heart Disease	10	60	10 - 66	14	36	17 - 65
Severe Chronic Heart Disease	10	0	12 - 46	12	17	6 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	26	0	0 - 34	21	5	0 - 96
Gynecologic Disease	3	0	0 -100	0	-	-
Low-Risk Heart Disease	21	5	0 - 58	21	14	0 - 78
Musculoskeletal/Skin Conditions	28	0	0 - 77	53	4	0 - 46
Neuropsychiatric/Sensory Disease	4	0	0 -100	10	0	0 -100
Urologic Disease	10	0	0 - 84	13	8	0 - 98

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	44
Occupancy Rate (%):	34
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	88
Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	14

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BRODSTONE MEMORIAL-NUCKOLLS CO HOSP

1028 IDAHO STREET
SUPERIOR, NE 68978

Medicare Hospital Provider Number: 280064

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	259	12	11 - 20	314	11	11 - 19
Cancer	10	40	16 - 72	5	20	11 - 78
Cerebrovascular Accidents	19	16	13 - 48	18	44	10 - 55
Gastrointestinal Catastrophes	2	100	8 - 92	3	0	6 - 80
Infectious Disease	4	25	5 - 80	5	20	10 - 77
Metabolic/Electrolyte Disorders	2	0	0 - 98	4	0	3 - 71
Pulmonary Disease	24	33	14 - 52	29	31	17 - 51
Renal Failure	2	50	5 - 94	3	0	11 - 87
Severe Acute Heart Disease	10	30	27 - 80	13	31	18 - 66
Severe Chronic Heart Disease	15	40	10 - 58	16	13	9 - 46
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	8	0	0 -100	29	0	0 - 33
Gynecologic Disease	3	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	39	0	1 - 13	37	0	1 - 14
Musculoskeletal/Skin Conditions	17	0	0 - 85	27	7	0 - 60
Neuropsychiatric/Sensory Disease	4	0	0 -100	9	0	0 - 84
Urologic Disease	17	0	0 - 99	9	0	0 - 92

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	33
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	0
Registered Nurses:	23
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BROWN CO HOSP

945 E ZERO ST
AINSWORTH, NE 69210

Medicare Hospital Provider Number: 280110

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	93	22	9 - 27	124	16	7 - 21
Cancer	3	100	21 - 96	3	67	10 - 91
Cerebrovascular Accidents	6	17	8 - 70	4	50	4 - 82
Gastrointestinal Catastrophes	1	100	1 - 97	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	3	0	1 - 84	0	-	-
Pulmonary Disease	8	38	6 - 68	11	36	7 - 61
Renal Failure	1	0	3 - 99	3	100	11 - 86
Severe Acute Heart Disease	4	50	3 - 82	6	33	14 - 79
Severe Chronic Heart Disease	5	0	5 - 63	2	100	4 - 88
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	11	18	0 - 87	23	9	0 - 97
Gynecologic Disease	1	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	6	17	0 -100	9	11	0 - 91
Musculoskeletal/Skin Conditions	8	13	0 -100	10	0	0 - 94
Neuropsychiatric/Sensory Disease	1	0	0 -100	4	0	0 -100
Urologic Disease	4	25	0 - 98	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	25
Occupancy Rate (%):	24
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	20
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DICK MARTIN, *Administrator*

Brown County Hospital

945 East Zero Street
Phone (402) 387-2800
Ainsworth, NE 69210

October 7, 1988 280110

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We again thank you for the opportunity to comment on the statistics presented to us for the publication Medicare Hospital Mortality Information.

As was the case last year, it is difficult to respond to comparisons when only 1 to 3 cases are reported in some categories. For the two areas that we were over the "range for predicted mortality (%)", our hospital has a total of only 4 cases combined.

As was, and has always been a practice of our monthly staff meetings, one of our committees is necrology. In this committee all hospital deaths are reviewed. As a result of last years mortality information, a special quality assurance (audit) committee was formed, to review all mortality that fits in one of the diagnostic categories we previously were out of range. In either of these reviews for the past two years we have not had a concern for inappropriate care.

As stated above, for the two diagnostic categories that we are above the "range for predicted mortality (%)", our hospital has four cases. These cases were reviewed in the above two committees and found to be treated appropriately. It was also the wish of the families in all four cases, that "no further heroic measures" be given because of other advanced complications.

In the three diagnostic categories that we were below the "range for predicted mortality (%)", none of the patients expired. Again, in these categories we have only 9 cases.

Like you, we find the changes made in the 1986 statistics do not affect our results. We also feel that until intensity of service, and severity of illness can be brought into the statistics in some manner, the results that are published will not be worthwhile to most people, and surely not the general public.

Again, thank you for the opportunity to respond to the information sent to us.

Sincerely,

Dick Martin

BRYAN MEM HOSP

1600 SOUTH 48TH STREET
LINCOLN, NE 68506

Medicare Hospital Provider Number: 280003

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,481	10	9 - 13	3,557	10	9 - 13
Cancer	107	39	25 - 48	101	44	34 - 57
Cerebrovascular Accidents	114	22	17 - 34	125	32	19 - 37
Gastrointestinal Catastrophes	25	32	15 - 54	43	23	19 - 50
Infectious Disease	20	25	18 - 58	19	16	20 - 58
Metabolic/Electrolyte Disorders	19	11	8 - 44	37	16	9 - 39
Pulmonary Disease	118	22	18 - 37	105	33	16 - 37
Renal Failure	31	26	13 - 62	20	35	13 - 68
Severe Acute Heart Disease	186	38	29 - 46	185	36	29 - 46
Severe Chronic Heart Disease	113	17	15 - 30	109	16	17 - 33
Severe Trauma	9	44	9 - 69	15	33	7 - 58
Gastrointestinal Disease	249	3	1 - 7	245	2	2 - 6
Gynecologic Disease	40	0	0 -100	41	0	0 - 96
Low-Risk Heart Disease	570	6	2 - 7	552	4	2 - 6
Musculoskeletal/Skin Conditions	428	1	1 - 4	453	1	1 - 4
Neuropsychiatric/Sensory Disease	174	2	1 - 7	233	1	1 - 6
Urologic Disease	99	1	0 - 9	111	1	1 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	340
Occupancy Rate (%):	56
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	193
Percent of Physicians Who Are Board Certified Specialists:	87
Interns and Residents:	0
Registered Nurses:	399
Licensed Practical Nurses:	65

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

Bryan Memorial Hospital 1600 South 48th St. Lincoln, Nebraska 68506-1299 402/489-0200

October 19, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We have reviewed the Medicare Hospital Mortality Information and feel there should be some amendments made to the Hospital Characteristics. We recognize that only medical-surgical beds were used for the total number of beds; however, we feel that the total beds reported in the AHA survey is more appropriate. The Specialty Services as listed are correct.

The following should be reported as our Hospital Characteristics based upon the 1986 and 1987 AHA survey information:

	1986	1987
Beds (#)	270*	340**
Occupancy Rate (%)	70%	56%
Ownership/Control	Church	Other Not For Profit
Staffing:		
Total Number of Physicians	197	193
Percent of Physicians Who Are Board Certified Specialists	84%	87%
Interns and Residents Per Bed	0	0
Registered Nurses Per Bed	1.41	1.18
Licensed Practical Nurses Per Bed	0.32	0.19

* 1986 - We reported only staffed beds
** 1987 - We reported licensed beds

Thank you for your attention to our concerns. If further information is needed, please do not hesitate to contact me.

Sincerely,

R. Lynn Wilson

R. Lynn Wilson
President

RLW/el

BUTLER CO HOSP

372 SOUTH 9TH ST
DAVID CITY, NE 68632

Medicare Hospital Provider Number: 280091

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	275	13	10 - 19	256	11	7 - 16
Cancer	6	83	18 - 79	0	-	-
Cerebrovascular Accidents	19	37	13 - 55	11	36	7 - 61
Gastrointestinal Catastrophes	1	100	1 - 97	0	-	-
Infectious Disease	4	50	4 - 82	2	0	1 - 89
Metabolic/Electrolyte Disorders	4	0	4 - 71	4	75	2 - 81
Pulmonary Disease	36	28	16 - 47	29	14	15 - 43
Renal Failure	3	67	7 - 89	1	100	1 -100
Severe Acute Heart Disease	6	17	12 - 72	6	50	15 - 81
Severe Chronic Heart Disease	9	11	9 - 57	10	20	8 - 59
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	39	0	0 - 15	41	5	0 - 29
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	20	0	0 - 31	27	0	0 - 22
Musculoskeletal/Skin Conditions	22	0	0 - 37	23	0	0 - 30
Neuropsychiatric/Sensory Disease	7	0	0 -100	8	0	0 -100
Urologic Disease	10	0	0 -100	17	0	0 - 88

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	34
Occupancy Rate (%):	53
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	28
Percent of Physicians Who Are Board Certified Specialists:	93
Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CALLAWAY DISTRICT HOSP

P.O. BOX 248
CALLAWAY, NE 68825

Medicare Hospital Provider Number: 280114

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	86	20	10 - 27	124	15	9 - 23
Cancer	2	0	1 - 92	2	50	2 - 92
Cerebrovascular Accidents	6	67	5 - 73	5	20	10 - 77
Gastrointestinal Catastrophes	2	100	8 - 91	0	-	-
Infectious Disease	0	-	-	1	100	1 - 97
Metabolic/Electrolyte Disorders	1	0	0 -100	3	0	0 - 88
Pulmonary Disease	10	30	11 - 65	15	20	8 - 51
Renal Failure	1	100	3 -100	0	-	-
Severe Acute Heart Disease	7	71	11 - 72	10	20	15 - 65
Severe Chronic Heart Disease	4	25	1 - 82	8	25	5 - 65
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	6	0	0 -100	9	11	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	8	0	0 - 97	10	0	0 - 96
Musculoskeletal/Skin Conditions	6	0	0 - 99	10	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	0	-	-
Urologic Disease	4	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	12
Occupancy Rate (%):	42
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

CAMBRIDGE MEM HOSPITAL & HEALTH CENT

WEST HWY 6 & 34
CAMBRIDGE, NE 69022

Medicare Hospital Provider Number: 280049

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	146	14	7 - 19	132	19	8 - 23
Cancer	2	0	6 - 90	5	80	14 - 81
Cerebrovascular Accidents	7	14	8 - 65	6	50	7 - 75
Gastrointestinal Catastrophes	1	0	1 - 97	0	-	-
Infectious Disease	1	0	1 - 97	2	0	2 - 89
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	13	23	8 - 55	18	28	12 - 54
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	10	40	14 - 70	4	25	6 - 80
Severe Chronic Heart Disease	5	60	3 - 77	5	20	3 - 74
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	26	4	0 - 72	15	13	0 - 60
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	9	0	0 - 98	7	0	0 -100
Musculoskeletal/Skin Conditions	13	8	0 -100	11	9	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	3	33	0 - 99
Urologic Disease	3	0	0 -100	7	0	0 - 96

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	67
Occupancy Rate (%):	67
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CAMBRIDGE MEMORIAL HOSPITAL AND HEALTH CENTER
WEST HIGHWAY 6 & 34/ P. O. Box 488
Cambridge, Nebraska 69022
308-697-3329

Provider Number 280049

October 20, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Following review of the HCFA Mortality Data for Cambridge Memorial Hospital and Health Center, we have the following comments:

There were twenty deaths in 1987 at the hospital. Of these twenty Medicare patients, two died in the emergency room, seven died in the Swing Bed Unit and eleven patients died in the acute care section of the hospital. Two of the deaths listed by HCFA occurred at a Veterans Administration Hospital.

During further study of the HCFA data, we found that the average age of our Medicare patients listed was 83 years. Cambridge Memorial Hospital and Health Center is a 31 bed acute care facility with those 31 beds also having the capability of Skilled Swing Bed services. There is also a 36 bed attached Long Term Care Wing. Cambridge also supports an all-volunteer Hospice Program. These services help to account for the number of elderly deaths associated with the hospital.

CONTACT: Ron Ross
Administrator

CHADRON COMM HOSP

821 MOREHEAD ST
CHADRON, NE 69337

Medicare Hospital Provider Number: 280048

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	235	11	8 - 17	326	10	8 - 16
Cancer	2	100	12 - 97	5	60	9 - 80
Cerebrovascular Accidents	3	67	2 - 86	3	33	4 - 86
Gastrointestinal Catastrophes	2	0	2 - 88	4	25	4 - 80
Infectious Disease	1	0	0 - 98	0	-	-
Metabolic/Electrolyte Disorders	2	50	1 - 93	8	0	3 - 51
Pulmonary Disease	30	23	13 - 45	29	14	15 - 43
Renal Failure	0	-	-	3	67	10 - 93
Severe Acute Heart Disease	9	56	16 - 74	6	17	18 - 78
Severe Chronic Heart Disease	12	25	10 - 58	18	50	11 - 56
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	23	0	0 - 63	34	0	0 - 20
Gynecologic Disease	4	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	36	0	1 - 14	36	6	0 - 29
Musculoskeletal/Skin Conditions	24	4	0 - 80	45	0	1 - 12
Neuropsychiatric/Sensory Disease	5	0	0 -100	16	0	0 - 82
Urologic Disease	7	0	0 -100	20	10	0 - 83

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	42
Occupancy Rate (%):	33
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	12
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	14
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CHASE CO COMM HOSP

600 W 12 ST
IMPERIAL, NE 69033

Medicare Hospital Provider Number: 280018

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	181	11	9 - 19	190	12	9 - 19
Cancer	4	50	17 - 94	4	25	16 - 89
Cerebrovascular Accidents	5	40	5 - 77	6	17	10 - 71
Gastrointestinal Catastrophes	3	33	6 - 87	1	0	0 - 99
Infectious Disease	1	0	3 - 99	1	100	0 - 98
Metabolic/Electrolyte Disorders	2	0	1 - 89	5	40	2 - 78
Pulmonary Disease	16	25	12 - 55	24	8	11 - 38
Renal Failure	2	0	11 - 96	1	0	0 - 98
Severe Acute Heart Disease	7	29	20 - 81	12	33	22 - 72
Severe Chronic Heart Disease	17	18	8 - 47	9	11	6 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	18	0	0 - 61	17	12	0 - 74
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	23	4	0 - 59	21	0	0 - 30
Musculoskeletal/Skin Conditions	15	7	0 -100	20	5	0 - 62
Neuropsychiatric/Sensory Disease	5	20	0 -100	5	20	0 -100
Urologic Disease	7	0	0 -100	12	8	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	26
Occupancy Rate (%):	35
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	90
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CHERRY CO HOSP

GREEN ST AND HWY 12
VALENTINE, NE 69201

Medicare Hospital Provider Number: 280094

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	77	16	6 - 23	109	17	9 - 24
Cancer	3	67	9 - 90	2	100	1 - 89
Cerebrovascular Accidents	4	0	4 - 70	4	100	15 - 78
Gastrointestinal Catastrophes	0	-	-	2	50	4 - 93
Infectious Disease	1	0	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	1	100	0 - 98	1	0	0 - 99
Pulmonary Disease	7	29	3 - 69	11	45	11 - 65
Renal Failure	0	-	-	2	50	1 - 93
Severe Acute Heart Disease	3	33	7 - 88	10	30	18 - 72
Severe Chronic Heart Disease	0	-	-	3	0	1 - 82
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 - 89	11	0	0 - 84
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	6	17	0 -100	11	9	0 - 98
Musculoskeletal/Skin Conditions	9	0	0 -100	14	0	0 - 78
Neuropsychiatric/Sensory Disease	4	0	0 -100	4	0	0 - 94
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	34
Occupancy Rate (%):	18
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	11
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CHERRY COUNTY HOSPITAL

Valentine, Nebraska 69201

10/20/88

Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

I am writing in response to the Medicare Hospital Mortality Information for the Cherry County Hospital that will be soon published.

I would like to respond to the diagnostic category of metabolic/ electolyte disturbances. In our particular situation we had only one patient in that diagnostic category and he unfortunately expired. With a sample of only one case it is our belief that the mortality rate does not represent the health care delivered at our facility. Also upon a review of that particular case the standards of care were determined to be met. This individual was a 92 year old who had waited months before seeking care for his illness. During the hospitalization, he had requested removal of the intravenous lines and attempted several times to remove them himself. Do not resusitate orders were also written on the day of the admission. Ultimately the appropriate level of care was administered leading us to believe that the mortality rate for the metabolic/ electrolyte disturbance is invalid and misleading.

Thank you for the opportunity to respond.

Sincerely,

Brent A. Peterson

Brent A. Peterson
Administrator

BAP/ps

CLARKSON BISHOP MEM HOSP

DEWEY AVE AT 44TH ST
OMAHA, NE 68105

Medicare Hospital Provider Number: 280088

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,347	13	11 - 15	3,795	10	9 - 13
Cancer	182	33	32 - 51	184	35	31 - 51
Cerebrovascular Accidents	66	30	18 - 41	88	24	20 - 39
Gastrointestinal Catastrophes	25	36	18 - 58	28	29	20 - 57
Infectious Disease	37	32	21 - 54	48	31	28 - 59
Metabolic/Electrolyte Disorders	39	13	13 - 42	42	29	12 - 44
Pulmonary Disease	172	27	21 - 37	173	21	18 - 34
Renal Failure	74	27	10 - 55	79	13	8 - 54
Severe Acute Heart Disease	102	42	27 - 48	106	41	28 - 49
Severe Chronic Heart Disease	166	23	17 - 31	128	23	17 - 33
Severe Trauma	8	25	8 - 67	6	17	9 - 72
Gastrointestinal Disease	185	4	1 - 9	216	3	2 - 8
Gynecologic Disease	22	0	0 -100	35	0	0 -100
Low-Risk Heart Disease	522	8	2 - 7	559	6	2 - 7
Musculoskeletal/Skin Conditions	321	1	1 - 5	360	3	1 - 6
Neuropsychiatric/Sensory Disease	207	2	1 - 7	466	0	1 - 4
Urologic Disease	101	0	0 - 7	79	4	0 - 17

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	372
Occupancy Rate (%):	61
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	156
Percent of Physicians Who Are Board Certified Specialists:	79
Interns and Residents:	12
Registered Nurses:	391
Licensed Practical Nurses:	112

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

CLARKSON HOSPITAL
Nebraska's *first* Hospital

HFCA MORTALITY DATA - 1987 CALENDAR YEAR

Bishop Clarkson Hospital is a tertiary care hospital with a high percentage of patients with terminal cancer, end-stage renal disease and end-stage heart disease. Despite the high risk factors associated with these diseases, in 14 of the 16 diagnostic categories identified by HCFA, Clarkson Hospital had **less than 50% of the expected range for predicted mortality, and in 6 of these 14 categories, had less than 25% of the HCFA predicted mortality range.** We believe this reflects the excellent care provided by the hospital, its physicians and staff. Of the other two categories, one (Severe Acute Heart Disease) was 75% of the predicted range, and the other, (Low Risk Heart Disease) was 1% above the predicted mortality range. Of the 42 identified deaths in the last category, nearly all of these patients, had serious comorbid conditions such as cancer, renal failure, congestive heart failure, and subsequent myocardial infarction. It is interesting to note that 26 of these 42 patients were admitted from outside the city of Omaha and were referred to our physicians because of the complicated nature of their condition.

The HCFA Mortality Data has identified a total of 316 deaths occurring within 30 days of the last Clarkson admission during the calendar year of 1987. Of those 316 deaths, we can verify that 274 occurred during the hospitalization at Clarkson. While we cannot verify the remaining 42 deaths occurring outside the hospital, we can verify that 29 of these 42 patients were transferred to a skilled nursing facility after receiving maximum hospital care and that the average time between the hospital discharge date and the date of expiration identified by HCFA was 10 days. The average length of hospital stay of the 274 patients whose death occurred while hospitalized was also 10 days.

The HCFA data accounts for only the last hospitalization during the calendar year and only identifies 3,347 Medicare patients. Clarkson treated 11,090 patients during 1987. Of these, 484 deaths occurred, for an overall hospital rate of 4.4%. Separating Medicare discharges and deaths out from the total, Clarkson treated 5,410 Medicare patients which resulted in 397 deaths, for a Medicare mortality rate of 7.3%, using the more traditional standard method of reporting mortality rates.

Clarkson Hospital appreciates the opportunity to comment on the HCFA data and believes that the fact we show a 95.6% positive treatment factor despite being a referral hospital for high risk patients speaks very well for the high quality of care being provided at Clarkson.

D. Max Francis
Chief Executive Officer

Bishop Clarkson Memorial Hospital
44th & Dewey Avenue
Omaha, Nebraska 68105-1018
402-559-2000

COLUMBUS COMM HOSP

3111-19TH ST
COLUMBUS, NE 68601

Medicare Hospital Provider Number: 280111

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	534	13	8 - 15	627	14	9 - 16
Cancer	7	43	12 - 76	16	81	27 - 68
Cerebrovascular Accidents	23	39	12 - 51	24	42	13 - 52
Gastrointestinal Catastrophes	5	20	7 - 75	3	33	4 - 86
Infectious Disease	4	50	7 - 83	4	50	14 - 89
Metabolic/Electrolyte Disorders	0	-	-	6	0	3 - 59
Pulmonary Disease	26	35	12 - 49	40	17	18 - 44
Renal Failure	3	67	5 - 88	1	0	0 - 99
Severe Acute Heart Disease	25	28	20 - 56	35	51	26 - 59
Severe Chronic Heart Disease	35	31	11 - 43	28	25	12 - 45
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	52	4	1 - 18	59	2	0 - 16
Gynecologic Disease	19	5	0 -100	12	0	0 -100
Low-Risk Heart Disease	45	0	1 - 11	60	2	1 - 12
Musculoskeletal/Skin Conditions	71	4	0 - 27	72	3	0 - 15
Neuropsychiatric/Sensory Disease	15	0	0 - 40	16	0	0 - 93
Urologic Disease	31	3	0 - 56	34	0	0 - 54

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	81
Occupancy Rate (%):	46
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	20
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	0
Registered Nurses:	37
Licensed Practical Nurses:	26

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COLUMBUS COMMUNITY HOSPITAL, INC.

3111 19th Street
Columbus, Nebraska 68601
Phone: (402) 564-7118

October 21, 1988

COLUMBUS COMMUNITY HOSPITAL
COLUMBUS, NE
RESPONSE TO MORTALITY DATA
PROVIDER #28011

Comments Regarding Diagnostic Categories

Cancer - All patients had extensive metastatic disease. Average age of death 76.3 years

Cerebrovascular Accident - Several patients were no code by family request. Two others had serious cormorbities. CVA is considered a high risk category.

GI Catastrophes - percent high because of a low number of patients in this category.

Infectious Diseases - percent high because of the very small number of cases. Each case had serious pulmonary cormorbities. Average age of death 73 years.

Pulmonary Disease - Several were unresponsive and No code on admission. Average age of death 84 years.

Renal Failure - percent high because of the very small number of cases. No codes requested and unresponsive on admission. Average age of death 82.5 years.

Severe Acute Heart Disease - Most cases were reported as very severe heart attacks. Average age of death 74 years.

Severe Chronic Heart Disease - Several families requested no code. Average age of death 80 years.

All Other Causes - Average age of death 83 years.

Our hospital falls within the range for predicted mortality in all categories. Platte County has one of the highest incidences of colon cancer and heart disease in the nation and also has a higher percentage of the elderly population. Average age 79.8 years of those that died. The most recent 1987 data states the overall average age at the time of death in the State of Nebraska was 72.8 years.

Sincerely,

Donald H. Zornes

Donald Zornes,
Administrator
Columbus Community Hospital
Columbus, Ne.

COMMUNITY HOSP

1301 E H ST
MCCOOK, NE 69001

Medicare Hospital Provider Number: 280021

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	443	14	8 - 16	473	12	8 - 15
Cancer	11	45	16 - 70	8	75	20 - 77
Cerebrovascular Accidents	18	39	12 - 56	18	44	9 - 54
Gastrointestinal Catastrophes	7	0	12 - 59	4	25	10 - 83
Infectious Disease	3	33	4 - 86	4	50	4 - 82
Metabolic/Electrolyte Disorders	2	100	3 - 88	7	43	3 - 72
Pulmonary Disease	28	32	10 - 46	29	28	12 - 46
Renal Failure	2	100	7 - 91	0	-	-
Severe Acute Heart Disease	20	50	19 - 61	19	53	18 - 61
Severe Chronic Heart Disease	19	37	11 - 54	17	18	9 - 47
Severe Trauma	1	100	0 - 97	1	0	0 - 99
Gastrointestinal Disease	28	7	0 - 72	44	0	1 - 12
Gynecologic Disease	6	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	26	8	0 - 61	40	0	1 - 13
Musculoskeletal/Skin Conditions	90	1	0 - 9	104	1	0 - 9
Neuropsychiatric/Sensory Disease	9	0	0 -100	12	8	0 - 99
Urologic Disease	27	0	0 - 84	17	0	0 - 94

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	56
Occupancy Rate (%):	39
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	11
Percent of Physicians Who Are Board Certified Specialists:	91
Interns and Residents:	0
Registered Nurses:	26
Licensed Practical Nurses:	14

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Community
Hospital

1301 EAST H STREET
McCOOK, NEBRASKA 69001
TEL: 308-345-2650

October 17, 1988

Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Attention: Mrs. Sandra Kappert

The Community Hospital Medicare Hospital Mortality Information for 1987 published by HCFA has been reviewed and our comments will follow.

The actual mortality rate for three diagnostic categories is higher than the predicted mortality rate. These are Metabolic/Electrolyte Disturbances, Renal Failure, and Severe Trauma. You will note in all three cases, the number of cases in the category is very small, i.e. one or two. In all three areas, all of the patients expired. Statistically, we feel this is not a good sample.

In the case of the Severe Trauma patient who expired, the patient was 101 years old and the family wanted no treatment after the patient aspirated a liquid meal at the nursing home. Thus, the patient was not treated agressively and eventually expired. Again, this was the only case in the category and thus 100% of the cases expired.

The statistics concerning the hospital bed size are incorrect as far as we can determine. The number of adult medical/surgical beds is the figure being used to make the other calculations. Community Hospital is currently licensed for 56 beds. The Occupancy Rate cannot be verified from the information which was submitted on the 1987 AHA Annual Survey. Likewise, the number of registered nurses and licensed practical nurses per bed cannot be verified from this survey. With regard to the percent of Board Certified specialists, the number reported on the survey does not constitute 100%, as reported.

In 1986, Community Hospital's statistics included two areas which exceeded the predicted mortality rate. After the change made in the method of computing the statistics, there were no diagnostic categories exceeding the predicted rates.

Thank you for the opportunity to respond to the 1987 Medicare Hospital Mortality Information.

Sincerely,

Gary Bieganski

GB/kl

COMMUNITY HOSPITAL

2307 BARADA STREET
FALLS CITY, NE 68355

Medicare Hospital Provider Number: 280017

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	187	23	12 - 25	293	23	11 - 21
Cancer	4	100	23 - 86	6	17	10 - 72
Cerebrovascular Accidents	10	20	11 - 61	12	42	9 - 61
Gastrointestinal Catastrophes	1	0	0 - 99	1	0	0 - 97
Infectious Disease	3	67	5 - 86	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	3	0	2 - 80
Pulmonary Disease	41	32	14 - 44	42	33	17 - 47
Renal Failure	3	100	18 - 93	3	100	12 - 88
Severe Acute Heart Disease	13	38	20 - 69	15	73	21 - 65
Severe Chronic Heart Disease	11	45	6 - 62	27	56	12 - 50
Severe Trauma	1	0	0 - 98	1	100	0 - 97
Gastrointestinal Disease	23	4	0 - 64	23	0	0 - 48
Gynecologic Disease	3	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	17	6	0 - 73	34	0	1 - 16
Musculoskeletal/Skin Conditions	16	0	0 - 75	31	3	0 - 64
Neuropsychiatric/Sensory Disease	2	0	0 -100	7	0	0 -100
Urologic Disease	4	0	0 -100	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	27
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Community Hospital Inc.

VICTOR LEE, ADMINISTRATOR
2307 BARADA STREET FALLS CITY, NEBRASKA 68355
PHONE 402-245-2428

Sept. 30, 1988

Health Care Financing Administration
Health Standards & Quality Bureau
Meadows East Building
2-D-2 6325 Security Blvd.
Baltimore, MD 21207

Re: Hospital #280017

Dear Ms. Kappert:

In reviewing the mortality data prepared by HCFA for calendar year 1987, we found that your reported information was accurate. I would, however, like to take this opportunity to discuss the two areas in which Community Hospital was above the range for predicted mortality. These two areas are cancer, with 4 cases, and renal failure, with 3 cases. In reviewing each area we found that all seven cases, except for one, were in the terminal stages of their disease and with (do not resuscitate) orders in effect in accordance with family wishes. After reviewing these cases, it was determined that no alteration in the care would have changed the outcome for these patients.

Because Community Hospital is a small 49 bed rural facility and has a census consisting of nearly 65% Medicare patients, the use of this type of data analysis with a small population base will result in adverse selection and skewed statistics. These reports are not a measure of quality but merely a report of deaths and various diagnosis categories. I sincerely hope that this fact is taken into consideration when reviewing the HCFA published medical hospital mortality information.

Yours truly,

Victor Lee
Administrator

VL/vcl

COMMUNITY MEM HOSP

1579 MIDLAND
SYRACUSE, NE 68446

Medicare Hospital Provider Number: 280051

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	87	13	10 - 25	116	17	9 - 24
Cancer	6	67	13 - 79	4	75	11 - 84
Cerebrovascular Accidents	6	17	8 - 70	4	50	8 - 84
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 97
Infectious Disease	1	0	2 - 97	2	50	2 - 92
Metabolic/Electrolyte Disorders	0	-	-	3	33	2 - 86
Pulmonary Disease	3	0	2 - 80	13	15	13 - 55
Renal Failure	1	0	3 - 99	1	100	3 - 98
Severe Acute Heart Disease	7	29	16 - 77	5	60	10 - 80
Severe Chronic Heart Disease	4	50	2 - 82	6	17	4 - 68
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	0	0 -100	7	0	0 -100
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	13	0	0 - 81	12	8	0 - 89
Musculoskeletal/Skin Conditions	8	0	0 - 88	8	0	0 - 99
Neuropsychiatric/Sensory Disease	5	0	0 -100	3	0	0 -100
Urologic Disease	1	0	0 -100	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	19
Occupancy Rate (%):	16
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	25
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY MEM HOSP

1128 GRAND AVE
HUMBOLDT, NE 68376

Medicare Hospital Provider Number: 280107

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	77	6	10 - 22	76	18	7 - 26
Cancer	0	-	-	2	50	8 - 97
Cerebrovascular Accidents	1	0	1 - 97	3	67	5 - 87
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	0 - 99	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	3	33	2 - 87
Pulmonary Disease	13	15	13 - 55	9	33	5 - 64
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	7	14	11 - 67	3	67	7 - 87
Severe Chronic Heart Disease	7	29	5 - 68	7	43	5 - 71
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	9	0	0 - 99	6	0	0 -100
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	3	0	0 -100	10	0	0 - 61
Musculoskeletal/Skin Conditions	8	0	0 - 77	3	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	0	-	-
Urologic Disease	4	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 35
Occupancy Rate (%): (not available)
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: (not available)
Burn Unit: (not available)
Medical/Surgical Intensive Care: (not available)
Cardiac Intensive Care: (not available)
Organ Transplant Service: (not available)
Hospice Care: (not available)

COMMUNITY MEM HOSPITAL

295 NORTH 8TH STREET
BURWELL, NE 68823

Medicare Hospital Provider Number: 280103

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	39	18	7 - 32	85	22	10 - 28
Cancer	0	-	-	1	100	1 - 97
Cerebrovascular Accidents	1	0	0 - 98	8	63	5 - 67
Gastrointestinal Catastrophes	0	-	-	3	100	9 - 82
Infectious Disease	0	-	-	1	100	3 - 99
Metabolic/Electrolyte Disorders	2	50	1 - 93	2	0	0 - 98
Pulmonary Disease	5	40	5 - 77	1	0	2 - 97
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	5	40	6 - 78	8	63	18 - 78
Severe Chronic Heart Disease	4	25	1 - 82	7	14	6 - 63
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	7	0	0 - 98	6	0	0 - 96
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	3	0	0 -100	12	0	2 - 36
Musculoskeletal/Skin Conditions	2	0	0 -100	7	14	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	3	0	0 -100
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	88
Occupancy Rate (%):	58
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY MEMORIAL HOSPITAL, INC.

A Community Non-Profit Hospital

BURWELL, NEBRASKA 68823

September 19, 1988

Health Care Financing Administration
Health Standards and Quality bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Gentlemen:

After reviewing the mortality date for the Community Memorial Hospital at Burwell, Nebraska, the following comments should clarify the report:

> Patients [redacted] and [redacted] were admitted for control of pain during the terminal stage of cancer; patient [redacted] date of discharge was actually 2-6-87. She was admitted the evening of 2-5-87 and died the morning of 2-6-87, while still a patient; patient [redacted] was discharged per family request.

Sincerely,

Thelma Pfeiffer

Thelma Pfeiffer, administrator

TP:bjm

COMMUNITY MEMORIAL HOSP

11 PADDOCK
CRAWFORD, NE 69339

Medicare Hospital Provider Number: 280090

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	70	14	8 - 26	91	10	9 - 23
Cancer	0	-	-	2	100	11 - 99
Cerebrovascular Accidents	1	100	0 - 99	1	100	0 - 97
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 98
Infectious Disease	4	0	10 - 74	0	-	-
Metabolic/Electrolyte Disorders	1	100	0 - 98	5	0	6 - 64
Pulmonary Disease	3	0	1 - 83	10	0	11 - 46
Renal Failure	2	50	4 - 93	1	0	2 - 97
Severe Acute Heart Disease	6	50	8 - 76	4	50	15 - 90
Severe Chronic Heart Disease	5	0	10 - 66	3	0	1 - 81
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 - 95	3	0	0 - 86
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	16	6	0 - 74	15	7	0 - 92
Musculoskeletal/Skin Conditions	8	0	1 - 57	6	0	0 - 96
Neuropsychiatric/Sensory Disease	2	0	0 -100	8	0	0 -100
Urologic Disease	2	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	16
Occupancy Rate (%):	25
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	19
Percent of Physicians Who Are Board Certified Specialists:	68
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Community Memorial Hospital
Crawford, Nebraska 69339
(308) 665-1770 Box 272 11 Paddock Street

HOSPITAL ID#: 280090

October 12, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

Reference is made to Dr. Ropers letter dated 9/15/88, concerning the Medicare Hospital Mortality Information.

Again, I want to thank you for forwarding the report for our evaluation prior to release of the mortality report to the public in December.

We are a small rural hospital in Northwestern Nebraska that is surviving and will continue to survive. Personally, I am of the opinion that when we "measure" something, in this case mortality review, our results will get better.

I do have one major concern about the statistical data generated in your report. I am sure this concern has been expressed by every small hospital across our country. Frequently diagnosis of malignancy is made in a rural primary care facility. The patient is usually referred to a secondary or tertiary care facility where more definitive diagnosis and treatment programs are established. Unfortunately, many patients are considered terminal or do not respond to the theraputic programs at the above mentioned facilities. The patients are then returned to their home for control of pain and comfort. In many cases, the patient is admitted to the small facility where continuous IV pain medications are given. The patient continues his downhill course and succumbs to his disease. The mortality is then credited to the small facility.

In this day and age of advanced computers, it would appear that terminal patients or expected deaths could be extracted and analyzed separately.

In my opinion this would add to the mortality information and aid in internal management and quality assurance purposes. Since pride is our most powerful motivator, I believe these changes would more clearly represent "what's happening in our facility". This would instill pride in our rural facility and, hence, improve the quality of care.

Again, thank you for allowing us to analyze the Medicare Hospital Mortality Information prior to release to the public and allowing us to vent some of our frustrations.

Trusting that favorable consideration will be given to our request, I remain,

Truly yours,

Edward A. Metz DO

Edward A. Metz, DO
Chief of Staff

EAM/lk

Community Memorial Hospital
Crawford, Nebraska 69339
308)665-1770 Box 272 11 Paddock Street

Medicare # 28-0090

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs Sandra Kappert
2-D-2 Meadows East Bldg.
6325 Security Boulevard
Baltimore, Maryland 21207

RE: HCFA's Medicare Hospital Mortality Information; patient-specific info.

Dear Mrs. Kappert:

In reviewing the two cases our facility had with 100% mortality, in the first case it was found that the patient had been discharged home from our facility with a diagnosis of CVA, from which he had improved. He was then later admitted to a VA hospital and was discharged home. He deteriorated very rapidly, became incontinent of both urine and feces, became increasingly more confused and was unable to attend to his personal hygiene. He was a bilateral amputee at the hip level. He was subsequently admitted to our Swing Bed program and eventually died from respiratory failure secondary to pneumonia and COPD.

The other case, with a diagnosis of Metabolic/Electrolyte disturbance, was brought back to within normal limits before discharge, and subsequently died in the Nursing Home, as was basically expected due to the patient's severe and long-term depression and age.

Sincerely,

Margaret A. Anderson

Margaret A. Anderson
Acting Administrator

MAA/kms

Community Memorial Hospital
Crawford, Nebraska 69339
308) 665-1770 Box 272 11 Paddock Street

Medicare # 28-0090

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Bldg.
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

In reference to HCFA's Medicare Hospital Mortality Information, one concern we have about the data is when only one case has been admitted within a particular diagnostic category and subsequently dies, that gives a 100% actual mortality rate which is higher than the upper limit of the predicted mortality rate.

Due to the limited number of cases in high risk diagnostic categories, internal review of each individual case through Quality Assurance studies answers the questions on quality of care for small hospitals and their pyhsicians.

Until valid statistical norms can be developed to reflect the variancies in the predicted mortality rates, the publication of same will continue to distort the entire picture for small, rural hospitals. We feel that at the present time, the method used is not a valid indicator of the quality of care provided.

In reviewing the two cases from our facility giving a higher than predicted range of mortality it was determined that any change in the care provided would not have prevented death as both deaths were expected.

Thank you for the opportunity to review the Mortality data and submit our comments.

Sincerely,

Margaret A Anderson

Margaret A. Anderson
Acting Administrator

MAA/kms

COZAD COMMUNITY HOSPITAL

300 EAST 12TH STREET
COZAD, NE 69130

Medicare Hospital Provider Number: 280070

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	144	17	6 - 19	128	23	6 - 22
Cancer	0	-	-	3	67	5 - 87
Cerebrovascular Accidents	5	20	4 - 74	5	100	12 - 68
Gastrointestinal Catastrophes	1	100	1 - 97	0	-	-
Infectious Disease	1	0	1 - 97	1	100	0 - 98
Metabolic/Electrolyte Disorders	2	0	0 - 94	2	50	0 - 97
Pulmonary Disease	15	40	7 - 56	11	36	9 - 62
Renal Failure	1	100	1 - 97	2	100	7 - 92
Severe Acute Heart Disease	3	33	5 - 86	5	100	20 - 75
Severe Chronic Heart Disease	11	45	8 - 63	8	38	4 - 67
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	20	0	0 - 73	16	6	0 - 85
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	14	0	0 - 46	16	0	0 - 75
Musculoskeletal/Skin Conditions	18	6	0 - 87	20	10	0 - 98
Neuropsychiatric/Sensory Disease	4	0	0 -100	3	0	0 -100
Urologic Disease	2	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	30
Occupancy Rate (%):	23
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

CRETE MUNICIPAL HOSPITAL

15TH GROVE ST
CRETE, NE 68333

Medicare Hospital Provider Number: 280076

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	153	21	8 - 22	185	14	10 - 20
Cancer	4	100	13 - 76	1	100	3 -100
Cerebrovascular Accidents	9	44	10 - 68	12	25	12 - 60
Gastrointestinal Catastrophes	1	0	1 - 97	1	100	3 - 99
Infectious Disease	3	100	4 - 79	6	17	6 - 69
Metabolic/Electrolyte Disorders	5	20	1 - 77	4	25	1 - 83
Pulmonary Disease	4	50	6 - 83	13	15	10 - 53
Renal Failure	1	100	2 - 97	1	100	2 - 97
Severe Acute Heart Disease	3	100	12 - 84	8	50	16 - 76
Severe Chronic Heart Disease	22	41	8 - 49	11	36	10 - 63
Severe Trauma	0	-	-	2	50	0 - 96
Gastrointestinal Disease	13	0	0 - 93	14	0	0 - 66
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	15	7	0 - 82	24	8	0 - 69
Musculoskeletal/Skin Conditions	10	0	0 - 99	16	0	0 - 37
Neuropsychiatric/Sensory Disease	2	0	0 -100	3	0	0 -100
Urologic Disease	6	0	0 -100	9	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	57
Occupancy Rate (%):	79
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	19
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DOUGLAS CO HOSP

4102 WOOLWORTH AVE
OMAHA, NE 68105

Medicare Hospital Provider Number: 280010

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	38	32	8 - 39	121	26	11 - 27
Cancer	1	100	2 - 97	1	100	3 - 98
Cerebrovascular Accidents	0	-	-	1	0	0 - 99
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	0	2 - 97
Metabolic/Electrolyte Disorders	0	-	-	1	100	0 - 99
Pulmonary Disease	18	44	13 - 57	65	40	17 - 43
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	2	50	1 - 94	0	-	-
Severe Trauma	0	-	-	1	100	1 - 97
Gastrointestinal Disease	0	-	-	1	0	0 -100
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	0	-	-	1	100	0 - 99
Musculoskeletal/Skin Conditions	2	0	0 -100	0	-	-
Neuropsychiatric/Sensory Disease	2	0	0 -100	34	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	329
Occupancy Rate (%):	(not available)
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

DOUGLAS COUNTY HOSPITAL

4102 WOOLWORTH AVENUE, OMAHA, NE 68105 TELEPHONE (402) 444-7000

HELEN BERGSTROM, R.N., N.H.A.
ADMINISTRATOR

Medicare 28-0010

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for the opportunity to comment on the HCFA Mortality information. One point of clarification necessary is that the total number of physicians listed, 253, is incorrect. We have 5 active physicians.

The fact that we have fallen within the range for predicted mortality indicates that we meet HCFA's criteria.

The average age of patients considered for this report was 70 years. The average age of patients who died was 80. The factor of age plus presence of one or more chronic diseases are important variables when assessing this data.

Again, thank you for the opportunity to respond to your data.

Sincerely,

John A. Ursick, M.D.
Medical Director

bh

COUNTY BOARD OF COMMISSIONERS

MICHAEL L. ALBERT WILLIAM "BILL" GREEN MICHAEL KELLEY STEVE McCOLLISTER STEVE ROSENBLATT

DUNDY CO HOSP

700 HOSPITAL RD
BENKELMAN, NE 69021

Medicare Hospital Provider Number: 280082

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	108	18	7 - 22	150	14	9 - 21
Cancer	1	100	3 - 98	0	-	-
Cerebrovascular Accidents	2	50	2 - 92	4	75	9 - 83
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	0	0 - 99
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	18	17	10 - 48	26	19	14 - 46
Renal Failure	0	-	-	2	100	11 - 97
Severe Acute Heart Disease	6	83	9 - 70	8	50	13 - 74
Severe Chronic Heart Disease	6	50	2 - 76	12	42	7 - 60
Severe Trauma	1	100	1 - 97	1	0	1 - 97
Gastrointestinal Disease	11	9	0 - 78	16	6	0 - 94
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	8	0	0 -100	19	0	0 - 51
Musculoskeletal/Skin Conditions	14	0	0 -100	13	0	0 - 82
Neuropsychiatric/Sensory Disease	1	0	0 -100	1	0	0 -100
Urologic Disease	7	0	0 -100	6	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 30
Occupancy Rate (%): 23
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 3
Percent of Physicians Who Are Board Certified Specialists: 0
Interns and Residents: 0
Registered Nurses: 6
Licensed Practical Nurses: 5

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

FILLMORE CO HOSP

1325 'H' ST
GENEVA, NE 68361

Medicare Hospital Provider Number: 280080

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	255	21	9 - 19	258	16	9 - 19
Cancer	5	40	13 - 84	2	100	8 - 91
Cerebrovascular Accidents	15	47	8 - 57	10	30	7 - 62
Gastrointestinal Catastrophes	3	33	7 - 88	0	-	-
Infectious Disease	1	100	3 - 98	1	0	2 - 97
Metabolic/Electrolyte Disorders	4	0	7 - 72	16	38	10 - 58
Pulmonary Disease	17	41	11 - 57	14	57	13 - 62
Renal Failure	1	100	3 - 98	0	-	-
Severe Acute Heart Disease	8	75	16 - 73	10	40	21 - 76
Severe Chronic Heart Disease	8	63	4 - 67	11	27	7 - 59
Severe Trauma	0	-	-	2	0	1 - 90
Gastrointestinal Disease	23	9	0 - 57	31	3	1 - 22
Gynecologic Disease	4	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	26	4	0 - 45	27	4	0 - 33
Musculoskeletal/Skin Conditions	27	4	0 - 67	19	5	0 - 63
Neuropsychiatric/Sensory Disease	4	0	0 -100	5	0	0 -100
Urologic Disease	14	0	0 -100	10	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	59
Occupancy Rate (%):	59
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	40
Percent of Physicians Who Are Board Certified Specialists:	97
Interns and Residents:	0
Registered Nurses:	16
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FRANKLIN CO MEM HOSP

1406 Q STREET
FRANKLIN, NE 68939

Medicare Hospital Provider Number: 280056

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	116	16	10 - 24	124	14	8 - 21
Cancer	4	100	15 - 78	1	0	1 - 97
Cerebrovascular Accidents	8	13	12 - 63	4	25	5 - 80
Gastrointestinal Catastrophes	4	75	5 - 80	0	-	-
Infectious Disease	1	0	0 - 98	2	0	2 - 89
Metabolic/Electrolyte Disorders	0	-	-	6	17	1 - 72
Pulmonary Disease	11	18	13 - 60	13	15	10 - 53
Renal Failure	3	33	10 - 93	1	100	1 - 97
Severe Acute Heart Disease	4	75	9 - 82	7	43	13 - 76
Severe Chronic Heart Disease	4	0	3 - 71	9	22	5 - 61
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 - 99	13	0	0 - 93
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	20	0	0 - 30	17	0	0 - 60
Musculoskeletal/Skin Conditions	11	0	1 - 49	12	0	0 - 92
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	4	0	0 -100	4	25	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	20
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	4
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

28-0056

FRANKLIN COUNTY MEMORIAL HOSPITAL
1406 Q STREET—P.O. BOX 127
FRANKLIN, NEBRASKA 68939
TELEPHONE 308-425-6221

October 14, 1988

Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Sandra,

There were a total of 25 deaths. Date of death and medicare number is incorrect on [redacted]. Correction should read date 03-12-87 and medicare number [redacted]. See attached highlighted copy.

All the other deaths are in appropriate order.

Sincerely,

Cathy Webber

Cathy Webber
Medical Record Director

FRITZER MEM HOSP

811 HOWELL
OXFORD, NE 68967

Medicare Hospital Provider Number: 280093

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	71	15	8 - 26	105	15	10 - 25
Cancer	1	100	3 - 99	1	100	1 -100
Cerebrovascular Accidents	4	0	8 - 72	4	50	5 - 82
Gastrointestinal Catastrophes	1	100	3 - 98	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	2	50	0 - 96
Pulmonary Disease	6	33	7 - 74	13	8	20 - 57
Renal Failure	0	-	-	1	0	1 - 97
Severe Acute Heart Disease	0	-	-	2	50	5 - 94
Severe Chronic Heart Disease	7	29	5 - 68	7	43	4 - 71
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	8	0	0 - 67	12	8	0 - 98
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	10	10	0 - 99	11	0	0 - 77
Musculoskeletal/Skin Conditions	5	0	0 -100	8	0	0 - 99
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	15
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FULLERTON MEMORIAL HOSP

903 BROADWAY
FULLERTON, NE 68638

Medicare Hospital Provider Number: 280078

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	79	27	10 - 30	72	21	9 - 29
Cancer	2	50	4 - 93	0	-	-
Cerebrovascular Accidents	5	60	7 - 78	4	50	4 - 82
Gastrointestinal Catastrophes	1	0	1 - 97	1	100	2 - 97
Infectious Disease	1	0	1 - 97	2	0	5 - 89
Metabolic/Electrolyte Disorders	5	80	3 - 74	0	-	-
Pulmonary Disease	9	33	10 - 67	4	0	5 - 70
Renal Failure	3	0	17 - 93	2	100	11 - 97
Severe Acute Heart Disease	5	40	9 - 80	6	17	14 - 75
Severe Chronic Heart Disease	1	100	0 - 97	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	10	10	0 - 98	8	13	0 -100
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	7	14	0 -100	7	0	0 - 87
Musculoskeletal/Skin Conditions	5	20	0 -100	5	0	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	3	33	0 - 99
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	25
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	9
Percent of Physicians Who Are Board Certified Specialists:	78
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GARDEN COUNTY HOSP

PO BOX 320
OSHKOSH, NE 69154

Medicare Hospital Provider Number: 280097

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	91	22	6 - 24	117	21	9 - 25
Cancer	2	100	7 - 90	4	75	12 - 86
Cerebrovascular Accidents	4	100	4 - 70	4	50	3 - 82
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 99
Infectious Disease	2	0	2 - 89	0	-	-
Metabolic/Electrolyte Disorders	2	50	0 - 95	6	17	3 - 69
Pulmonary Disease	6	17	4 - 68	13	0	16 - 44
Renal Failure	3	33	7 - 90	1	100	2 - 97
Severe Acute Heart Disease	3	100	10 - 82	7	86	16 - 72
Severe Chronic Heart Disease	5	20	3 - 74	5	60	5 - 77
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	4	0	0 -100
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	12	17	0 - 99	8	13	0 -100
Musculoskeletal/Skin Conditions	11	0	0 - 99	9	0	0 - 97
Neuropsychiatric/Sensory Disease	3	0	0 -100	2	0	0 -100
Urologic Disease	5	0	0 -100	5	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	56
Occupancy Rate (%):	60
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GENOA COMM HOSP

706 EWING AVENUE
GENOA, NE 68640

Medicare Hospital Provider Number: 280101

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	77	8	9 - 22	117	15	10 - 24
Cancer	0	-	-	1	100	3 - 98
Cerebrovascular Accidents	2	50	0 - 94	3	67	4 - 86
Gastrointestinal Catastrophes	1	100	2 - 97	0	-	-
Infectious Disease	1	0	2 - 97	3	0	8 - 81
Metabolic/Electrolyte Disorders	3	0	2 - 80	5	20	1 - 81
Pulmonary Disease	9	22	6 - 62	20	25	11 - 50
Renal Failure	0	-	-	1	100	3 - 98
Severe Acute Heart Disease	2	0	4 - 88	5	40	9 - 80
Severe Chronic Heart Disease	8	0	8 - 49	15	20	13 - 54
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	0	0 - 98	6	0	0 - 99
Gynecologic Disease	1	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	7	0	0 -100	13	0	0 - 79
Musculoskeletal/Skin Conditions	8	0	0 - 84	17	0	0 - 46
Neuropsychiatric/Sensory Disease	2	0	0 -100	0	-	-
Urologic Disease	1	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	15
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	4
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GOOD SAMARITAN HOSP

31ST CENTRAL AVE
KEARNEY, NE 68847

Medicare Hospital Provider Number: 280009

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,734	9	7 - 12	1,787	10	8 - 12
Cancer	54	43	24 - 53	59	39	28 - 56
Cerebrovascular Accidents	78	18	17 - 36	63	29	15 - 39
Gastrointestinal Catastrophes	14	43	12 - 62	12	42	17 - 70
Infectious Disease	14	57	16 - 66	23	35	20 - 61
Metabolic/Electrolyte Disorders	20	15	5 - 44	14	36	5 - 57
Pulmonary Disease	45	18	12 - 37	46	37	14 - 43
Renal Failure	0	-	-	3	33	4 - 87
Severe Acute Heart Disease	53	47	26 - 54	58	53	27 - 54
Severe Chronic Heart Disease	63	24	13 - 36	48	23	12 - 37
Severe Trauma	5	40	3 - 78	6	50	5 - 75
Gastrointestinal Disease	127	4	1 - 11	129	5	1 - 12
Gynecologic Disease	43	0	0 -100	36	0	0 -100
Low-Risk Heart Disease	125	2	1 - 8	116	4	1 - 11
Musculoskeletal/Skin Conditions	323	2	1 - 5	331	1	1 - 4
Neuropsychiatric/Sensory Disease	44	2	0 - 29	109	0	1 - 6
Urologic Disease	141	1	0 - 9	137	1	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	185
Occupancy Rate (%):	53
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	54
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	0
Registered Nurses:	173
Licensed Practical Nurses:	68

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Good Samaritan Hospital

31st and Central Avenue
P.O. Box 1990
Kearney, NE 68848 - 1990
Telephone (308) 236-8511

Sisters of Saint Franc

October 21, 1988

William L. Roper, M.D., Administrator
Department of Health and Human Services
Health Care Financing Administration
Washington, D.C. 20201

Dear Dr. Roper:

I am writing in regard to your letter of Septemeber 15, 1988 in order to provide comments concerning the mortality information about Medicare patients treated at Good Samaritan Hospital in 1987 which were enclosed in your letter.

Good Samaritan Hospital (GSH) is a 177 bed acute care hospital located in south central Nebraska. It has been designated a rural referral center by the Department of Health and Human Services and provides a broad range of services, including a complete cancer program, inpatient and outpatient hemodialysis, neonatal intensive care, complete diagnostic radiology including CT scanning, ultrasound, nuclear medicine studies and mammography, complete cardiopulmonary services including outreach computerized EKG, 2D echocardiography, pulmonary function studies and outreach Holter monitor/scanning, Home Health services in four counties, regional reference laboratory services for area hospitals and physicians' offices, regional emergency air transport services (helicopter and fixed wing), Hospice and neurosurgery. Good Samaritan Hospital is the largest hospital in terms of admissions in central Nebraska and 60% of its outpatients and over 50% of its inpatients come from outside Buffalo County, the county in which the city of Kearney is located.

We would expect to have a higher mortality rate at Good Samaritan Hospital than at many other hospitals due to the fact that we are a regional referral center and we do offer the aforementioned programs. Over half of our patients are referred from outside the county and many are transferred in from outlying acute care hopsitals. Another factor to consider is the fact that the average age of our Medicare patients listed in the HCFA mortality statistics is 78.5 years of age. Considering our status as a referral hospital and the other aforementioned facts, death would be an expected outcome at the time of many of these patients' admission or discharge from the hospital.

Of the patients that expired at Good Samartian Hospital or within 30 days of discharge from Good Samaritan Hospital 41% were from outside of Buffalo county. Nineteen percent of the patients were admitted from long-term care facilities. Also 13% of the patients were transferred to our hospital from other acute care hospitals. Again as a referral center, these patients are more severely ill and death would have to be an expected outcome in some of the patients.

It is also unclear to us when a patient is transferred to a SNF/swing bed in another acute care hospital and then expires within 30 days of discharge, whether our statistics or those of the other hospital reflects the patient's death. It appears that some deaths may be counted against more than one hospital.

In comparing our statistics with the statistics from HCFA we found the following discrepancies: 1) diagnostic category; cancer -- medical record [redacted] principal diagnosis listed as 1623, our records indicate it should be 2765, which should be in the metabolic/electrolyte disturbances category, 2) diagnostic category; metabolic/elebtrolyte disturbances -- medical record [redacted], principal diagnosis listed as 2765, our records indicate it should be [redacted] which should be in the gastrointestinal catastrophes category, 3) diagnostic category; severe trauma -- medical record [redacted], principal diagnosis listed as 85181, our records indicate it should be [redacted] which would be in the same diagnostic category, 4) diagnostic category; all other diseases -- medical record [redacted] principal diagnosis listed as 4912, our records indicate it should be 7991, which would be in the same diagnostic category, and 5) diagnostic category; all other diseases -- medical record [redacted] our records indicate that htis patient's primary payor was Blue Cross-Blue Shield and not Medicare.

In summary, we really feel that more work needs to be done to produce meaningful and accurate statistics. For example, we disagree with your methodology of only utilizing a patient's final admission site for a satitstical basis. If a patient is hospitalized six times during the year, we feel that those admissions should be included in our data base. Also, counting only the final admission to the hospital distorts the data in that patients who are transferred to referral centers such as ours may literally be on the brink of death. Theses statistics certainly do not reflect the quality of care given at the referring hospital but instead is counted in the statistics of the receiving hospital.

Good Samaritan Hospital would be more than happy to assist you by providing you with our own data in order to ensure that the information is definitely accurate and up-to-date. We feel that your data base is probably missing a large number of patients due to a delay in transmission of claims information from both Blue Cross-Blue Shield, our fiscal intermediary, and the Sunderbruch Corporation-Nebraska, the Nebraska PRO. This would certainly make a difference in the actual mortality rates.

We would like to thank you for providing us this opportunity to give you our comments.

Sincerely,

David K Glover

David K. Glover, Senior Vice-President
Good Samaritan Hospital
Medicare Provider #28-0009

GORDON MEM HOSP

300 EAST 8TH STREET
GORDON, NE 69343

Medicare Hospital Provider Number: 280075

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	238	11	8 - 16	242	10	9 - 17
Cancer	2	0	11 - 95	3	67	9 - 89
Cerebrovascular Accidents	4	100	8 - 72	1	0	0 - 99
Gastrointestinal Catastrophes	0	-	-	2	0	7 - 91
Infectious Disease	2	0	3 - 88	3	33	3 - 86
Metabolic/Electrolyte Disorders	3	33	0 - 95	2	50	3 - 92
Pulmonary Disease	20	20	15 - 52	17	12	12 - 47
Renal Failure	3	33	7 - 90	1	100	3 - 98
Severe Acute Heart Disease	15	33	18 - 63	12	58	21 - 72
Severe Chronic Heart Disease	8	50	4 - 68	11	9	9 - 51
Severe Trauma	2	50	0 - 96	1	100	0 - 98
Gastrointestinal Disease	30	3	0 - 38	34	0	1 - 15
Gynecologic Disease	4	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	24	0	0 - 33	32	3	1 - 22
Musculoskeletal/Skin Conditions	24	0	0 - 41	21	0	0 - 42
Neuropsychiatric/Sensory Disease	9	0	0 - 99	5	0	0 -100
Urologic Disease	16	6	0 - 98	16	0	0 - 67

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	40
Occupancy Rate (%):	33
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GORDON
Memorial
Hospital

Professionals
Who Care,
Right Here
At Home.

300 E. Eighth St.
Gordon, Nebraska
69343
(308) 282-0401

October 17, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert,

This letter is in response to the annual Mortality Information List for the Gordon Memorial Hospital, Gordon, Nebraska. We have noted several discrepancies and they are as follows:

Under the diagnostic category Stroke we noted that we had 6 patients admitted to the hospital with that diagnosis and of those six four died. The 2 that were not included in the Mortality List were:

[redacted]

[redacted]

Both of these charts were coded with a 434.9, which does fall into the "Stroke" Category.

The following were patients in our hospital,in 1987, who expired more than 30 days after dismissal.

[redacted]

[redacted]

In addition, we noted several patients on the list who were patients in 1987, however, expired in 1988 more the 30 days after dismissal. They are:

[redacted]

[redacted]

[redacted]

The following patients were admitted and expired in 1988 and to the best of our knowledge were not in a hospital 30 days prior to their admission to the Gordon Memorial Hospital:

[redacted]

[redacted]

[redacted]

[redacted]

The following patient's HIC# and the date of the last hospital admission is incorrect on the Mortality List:

[redacted]; EXPIRED: 01/17/88.
LAST HOSPITALIZED: 12/31/87.

If you should required additional information or have any questions, please contact me.

Sincerely,

Charles R. Miller

Charles R. Miller,
Administrator

cc: Don Hogg, NHA
CRM:lg

GOTHENBURG MEM HOSP

20TH ST AVE I
GOTHENBURG, NE 69138

Medicare Hospital Provider Number: 280106

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	141	16	8 - 20	144	18	7 - 21
Cancer	1	0	3 - 98	0	-	-
Cerebrovascular Accidents	8	13	7 - 60	1	100	0 - 98
Gastrointestinal Catastrophes	3	33	6 - 87	1	0	0 - 98
Infectious Disease	1	0	3 - 98	0	-	-
Metabolic/Electrolyte Disorders	1	100	0 - 98	2	50	6 - 94
Pulmonary Disease	8	13	7 - 60	8	63	9 - 70
Renal Failure	2	100	9 - 93	2	50	5 - 94
Severe Acute Heart Disease	7	86	19 - 74	5	40	12 - 82
Severe Chronic Heart Disease	4	50	3 - 82	8	75	5 - 65
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	23	0	0 - 39	16	6	0 - 76
Gynecologic Disease	1	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	10	20	0 -100	17	6	0 - 55
Musculoskeletal/Skin Conditions	9	0	0 -100	17	6	0 - 84
Neuropsychiatric/Sensory Disease	3	0	0 -100	3	0	0 -100
Urologic Disease	6	0	0 -100	5	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	46
Occupancy Rate (%):	72
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	14
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GOTHENBURG MEMORIAL HOSPITAL
910 20TH STREET P.O. BOX 469
GOTHENBURG, NEBR. 69138-0652
TELEPHONE: 308-537-3661

October 21, 1988

William L. Roper, M.D.
Administrator
Department of Health & Human Services
Health care Finance Administration
Washington, D.C. 20201

Dear Doctor Roper:

We have had an opportunity to review your September 15, 1988, letter and the Medicare mortality information that accompanied that letter. Technically, the detail you submitted to us was correct. For example, we did have one, elderly Medicare patient who passed away following an extended stay in our hospital. This means that we had a 100% "actual mortality rate" for this particular diagnostic category. The "range of predicted mortality rate" for this diagnostic category is 1 to 98%. At the other extreme, we had a 0% actual mortality rate for another diagnostic category where the range of predicted mortality rates is 0 to 100%. What does this all mean? It means nothing except to underscore a statement that you made that there are "uncertainties associated with the calculation of mortality rates" (emphasis added).

To say, as you did in previous correspondence, that the information would "offer hospitals insight into the results of patient care not previously available" is a bunch of malarkey. Our quality of care standards, developed and maintained by our Governing Board, Medical Staff, and Hospital Employees are already in place, and certainly have not been and will not be enhanced by the dissemination of these statistics.

Sincerely,

Roger Heidebrink
Administrator

Medicare Provider Number: 28-0106

rh/jb

"An Equal Opportunity Employer"

GRAND ISLAND MEM HOSP

2116 W FAIDLEY AVE
GRAND ISLAND, NE 68801

Medicare Hospital Provider Number: 280087

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	165	12	6 - 17	864	12	10 - 15
Cancer	2	0	1 - 89	22	45	24 - 66
Cerebrovascular Accidents	5	20	6 - 74	32	50	17 - 51
Gastrointestinal Catastrophes	0	-	-	7	57	16 - 80
Infectious Disease	1	100	0 - 97	7	29	9 - 71
Metabolic/Electrolyte Disorders	3	67	5 - 87	17	12	8 - 46
Pulmonary Disease	14	21	6 - 52	41	17	17 - 43
Renal Failure	0	-	-	2	100	5 - 90
Severe Acute Heart Disease	4	50	8 - 84	41	49	27 - 58
Severe Chronic Heart Disease	6	33	2 - 74	33	21	15 - 44
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	12	17	0 - 98	75	3	1 - 12
Gynecologic Disease	0	-	-	9	0	0 -100
Low-Risk Heart Disease	18	6	0 - 58	72	6	1 - 17
Musculoskeletal/Skin Conditions	30	7	0 - 79	136	3	0 - 11
Neuropsychiatric/Sensory Disease	3	0	0 -100	20	0	0 - 37
Urologic Disease	16	0	0 - 80	75	5	0 - 21

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	124
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	82
Licensed Practical Nurses:	21

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

GREAT PLAINS REGIONAL MEDICAL CTR

601 W LEOTA ST
NORTH PLATTE, NE 69101

Medicare Hospital Provider Number: 280065

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,004	11	9 - 14	1,007	11	9 - 14
Cancer	35	26	23 - 54	27	67	26 - 63
Cerebrovascular Accidents	46	30	17 - 44	43	42	14 - 44
Gastrointestinal Catastrophes	9	67	11 - 69	6	50	7 - 76
Infectious Disease	4	50	6 - 83	6	33	6 - 74
Metabolic/Electrolyte Disorders	2	0	1 - 89	5	40	3 - 78
Pulmonary Disease	44	11	13 - 35	48	17	14 - 38
Renal Failure	2	0	2 - 89	3	100	11 - 86
Severe Acute Heart Disease	54	44	24 - 52	44	43	24 - 54
Severe Chronic Heart Disease	52	23	14 - 38	56	21	15 - 37
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	94	3	2 - 11	104	3	1 - 11
Gynecologic Disease	14	0	0 -100	23	0	0 -100
Low-Risk Heart Disease	75	1	1 - 10	74	4	1 - 14
Musculoskeletal/Skin Conditions	96	3	0 - 14	135	0	0 - 5
Neuropsychiatric/Sensory Disease	13	0	0 -100	25	0	0 - 48
Urologic Disease	76	1	0 - 19	59	0	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	113
Occupancy Rate (%):	46
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	40
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	0
Registered Nurses:	105
Licensed Practical Nurses:	67

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HARLAN CO COMM HOSP

717 N BROWN
ALMA, NE 68920

Medicare Hospital Provider Number: 280102

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	124	10	9 - 20	126	12	9 - 21
Cancer	2	100	2 - 89	2	0	1 - 89
Cerebrovascular Accidents	11	27	10 - 61	9	33	13 - 69
Gastrointestinal Catastrophes	2	100	4 - 88	1	100	1 - 97
Infectious Disease	1	0	0 - 97	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 99	4	25	5 - 80
Pulmonary Disease	8	0	6 - 49	17	12	9 - 45
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	6	17	15 - 75	3	67	6 - 87
Severe Chronic Heart Disease	11	18	10 - 57	12	8	12 - 51
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	16	0	0 - 54	8	0	0 - 92
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	16	6	0 - 89	17	6	0 - 85
Musculoskeletal/Skin Conditions	8	0	0 -100	12	8	0 - 99
Neuropsychiatric/Sensory Disease	1	0	0 -100	0	-	-
Urologic Disease	7	14	0 -100	10	10	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	25
Occupancy Rate (%):	24
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	4
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HENDERSON COMM HOSP

1621 FRONT ST PO BOX 217
HENDERSON, NE 68371

Medicare Hospital Provider Number: 280029

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	47	17	7 - 30	47	13	5 - 27
Cancer	2	50	2 - 92	1	0	0 - 99
Cerebrovascular Accidents	3	0	2 - 80	3	33	4 - 86
Gastrointestinal Catastrophes	1	0	2 - 97	0	-	-
Infectious Disease	2	100	5 - 89	1	0	1 - 97
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	1	0	0 -100	1	100	0 - 98
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	6	17	16 - 77	3	67	8 - 88
Severe Chronic Heart Disease	2	50	0 - 94	5	20	2 - 74
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 -100	7	0	0 -100
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	6	17	0 -100	3	0	0 -100
Musculoskeletal/Skin Conditions	3	0	0 -100	1	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	7	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	58
Occupancy Rate (%):	72
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOWARD CO COMM HOSP

1102 KENDALL ST
SAINT PAUL, NE 68873

Medicare Hospital Provider Number: 280084

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	127	18	12 - 26	139	21	12 - 26
Cancer	3	67	11 - 92	2	50	4 - 92
Cerebrovascular Accidents	9	33	11 - 67	20	50	18 - 60
Gastrointestinal Catastrophes	3	0	3 - 79	0	-	-
Infectious Disease	1	100	2 - 97	0	-	-
Metabolic/Electrolyte Disorders	2	0	0 - 93	4	25	3 - 80
Pulmonary Disease	9	56	11 - 69	15	27	12 - 57
Renal Failure	3	67	13 - 97	1	100	3 - 99
Severe Acute Heart Disease	5	40	14 - 84	2	50	8 - 97
Severe Chronic Heart Disease	10	20	6 - 58	5	40	3 - 77
Severe Trauma	0	-	-	1	100	0 - 98
Gastrointestinal Disease	7	0	0 -100	9	11	0 -100
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	10	30	0 - 98	4	0	0 -100
Musculoskeletal/Skin Conditions	7	0	0 -100	14	0	0 - 57
Neuropsychiatric/Sensory Disease	3	0	0 -100	6	0	0 -100
Urologic Disease	8	0	0 -100	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

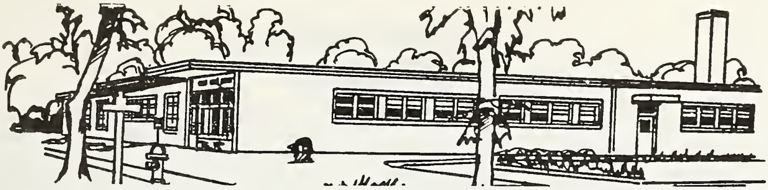
Total Beds (#):	36
Occupancy Rate (%):	53
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No



Howard County Community Hospital
1102 Kendall Street
Telephone 754-4421
St. Paul, Nebraska 68873

October 11, 1988

Hospital ID #280084

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Gentlemen:

This letter is printed for release to the news media. I hope both the Department of Health and Human Services as well as the news media, and particularly the news media in the State of Nebraksa, will pay special attention to the prior years' mortality statistics (calendar year 1986). In the calendar year 1986, our hospital was identified as one of only four hospitals that exceeded the predicted mortality range for the "All Causes" category by one percentage point. Now, in the Department of Health and Human Services letter of September 15, 1988, they state they have revised methodology, "which we believe is improved over last year's methodology", and lo and behold, our hospital now is listed as being a full five percentage points under the maximum predicted mortality range for the calendar year 1986! I wonder if the news media will show the same interest in our improved classification of last year as they showed in publicizing the fact that we were one percentage point over the predicted mortality range in last December's statistics. My point to the Department of Health and Human Services is clearly that though I sure appreciate the continued improvement in methodology, the "sooner you get your act together", the fewer instances hospitals such as ours will be improperly labeled.

With reference to the current calendar year, 1987, we had one infectious disease death. Being such a small hospital, that was our only case during 1987. That case measured 100% and did not fit in to our range for predicted mortality of 2% to 97%. The same situation occurred in last year's (1986) statistics under the category of severe trauma. In addition, the remodeled 1986 figures that are now being presented and compared to the year 1987, turned up yet another category, "renal failure" where we had one patient die and that was the only case in that category. It seems to me that when the range for predicted mortality is 0% to 5% for a minimum, or 95% to 100% for a maximum in any category that registers only one case, that the "sophisticated statistical techniques" would enable you to expand the range for predicted mortality to 0% to 100%. I am sure our hospital is not the only little hospital that is graded against, simply because of the low volume.

As was the case last year, nearly all of the patients that passed away were not "coded", as per the patient and/or families request. Life saving measures were not taken because of the patient or families request and such cases are the product of our "Swing Bed" (extended care) program. We are very proud to provide the care and comfort tailored to the patient's needs and desires, even if it does mean during some years that we are labeled improperly.

Sincerely,

Russell W Swigart

Russell W. Swigart
Administrator

IMMANUEL MED CTR

6901 N 72ND ST
OMAHA, NE 68111

Medicare Hospital Provider Number: 280081

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,863	11	9 - 13	1,992	11	9 - 14
Cancer	83	35	30 - 54	99	43	34 - 57
Cerebrovascular Accidents	60	37	16 - 42	72	19	17 - 37
Gastrointestinal Catastrophes	19	37	10 - 55	16	13	11 - 50
Infectious Disease	12	42	17 - 70	13	38	16 - 67
Metabolic/Electrolyte Disorders	26	35	9 - 49	48	21	13 - 42
Pulmonary Disease	72	17	14 - 35	72	15	13 - 33
Renal Failure	1	100	2 - 97	2	100	7 - 92
Severe Acute Heart Disease	87	31	29 - 50	76	45	29 - 53
Severe Chronic Heart Disease	88	24	14 - 34	80	24	15 - 35
Severe Trauma	3	0	1 - 83	6	0	6 - 60
Gastrointestinal Disease	131	2	1 - 8	165	1	1 - 6
Gynecologic Disease	16	6	0 -100	23	0	0 -100
Low-Risk Heart Disease	237	5	2 - 9	225	4	1 - 8
Musculoskeletal/Skin Conditions	191	4	1 - 8	197	4	1 - 8
Neuropsychiatric/Sensory Disease	115	3	0 - 14	135	2	0 - 11
Urologic Disease	84	1	0 - 22	95	1	0 - 13

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	601
Occupancy Rate (%):	70
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	179
Percent of Physicians Who Are Board Certified Specialists:	78
Interns and Residents:	0
Registered Nurses:	341
Licensed Practical Nurses:	54

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

Immanuel
MEDICAL CENTER

6901 North 72nd Street
Omaha, Nebraska 68122
Phone 402/572-2121

Charles J. Marr, FAC
President a
Chief Executive Offic

October 19, 1988

Health Standards and Quality Bureau, HCFA
Att'n: Mrs. Sandra Kappart
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, MD 21207

Dear Sirs:

Re: COMMENTS ON THE HCFA MORTALITY DATA
MEDICARE PROVIDER NUMBER: 280081

Data Verification

Our records indicate the total number of Medicare admissions at Immanuel Medical Center for 1987 was 2854. The data used by HCFA indicates that 209 of these Medicare patients admitted to IMC died within 30 days of admission. The reports indicate that of these 209 deaths, 163 died while still a patient of the hospital and 46 died after discharge. Upon our review of the patient's medical records, we show that 171 died while still an inpatient and 38 died after discharge.

The mortality data sent to us by HCFA, after verification by us, showed one error in patient date of admission, five errors in patient date of discharge, and three errors in patient date of death. These corrections will be submitted with this report.

Under the Hospital Characteristics we note there were errors relative to number of beds, occupancy, and RN/LPN ratios. Specialty services reported were also incorrect; corrections are submitted with this report.

Results of Preliminary Medical Record Review

Please see attached report for lists of corrections.
(Pages 2, 3A and 3B)

Sincerely,

Steven Fish

Steven J. Fish
Vice President

Hospital • Rehabilitation Center • Mental Health Center • Professional Plaza • Child Development Center • Immanuel-Fontenelle Home •
Regency Medical Plaza • Immanuel Plaza Motel • Immanuel Village • George C. and Irene L. Holling Center for Continuing Education • Addictions Recovery

JEFFERSON CO MEM HOSP INC

2200@H@ ST
FAIRBURY, NE 68352

Medicare Hospital Provider Number: 280001

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	179	9	7 - 17	273	16	12 - 21
Cancer	4	75	15 - 88	12	75	26 - 74
Cerebrovascular Accidents	5	40	3 - 77	16	31	14 - 58
Gastrointestinal Catastrophes	2	50	1 - 92	0	-	-
Infectious Disease	0	-	-	4	50	13 - 89
Metabolic/Electrolyte Disorders	0	-	-	4	75	13 - 86
Pulmonary Disease	26	15	14 - 45	52	17	14 - 37
Renal Failure	0	-	-	1	0	2 - 97
Severe Acute Heart Disease	7	14	13 - 68	12	33	17 - 67
Severe Chronic Heart Disease	4	25	1 - 82	7	43	7 - 71
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	30	0	0 - 38	21	5	0 - 83
Gynecologic Disease	5	0	0 -100	4	25	0 -100
Low-Risk Heart Disease	15	0	0 - 49	20	5	0 - 48
Musculoskeletal/Skin Conditions	17	0	0 - 41	27	0	0 - 34
Neuropsychiatric/Sensory Disease	1	0	0 -100	6	0	0 - 96
Urologic Disease	11	0	0 - 99	10	0	0 - 94

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	91
Occupancy Rate (%):	56
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

JEFFREY ANNIE MEM CO HOSP

PO BOX 428
OSCEOLA, NE 68651

Medicare Hospital Provider Number: 280035

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	167	15	12 - 24	217	12	11 - 21
Cancer	1	100	3 -100	1	100	1 - 97
Cerebrovascular Accidents	4	25	2 - 81	5	20	3 - 74
Gastrointestinal Catastrophes	2	100	11 - 95	0	-	-
Infectious Disease	3	0	12 - 85	2	0	7 - 91
Metabolic/Electrolyte Disorders	1	0	0 - 99	3	0	10 - 83
Pulmonary Disease	27	26	21 - 55	26	23	19 - 52
Renal Failure	0	-	-	1	0	3 - 98
Severe Acute Heart Disease	5	60	12 - 82	15	40	20 - 67
Severe Chronic Heart Disease	17	41	11 - 56	16	44	13 - 59
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	0	0 - 43	15	0	0 - 44
Gynecologic Disease	0	-	-	3	0	0 -100
Low-Risk Heart Disease	25	4	1 - 33	39	3	2 - 18
Musculoskeletal/Skin Conditions	13	0	0 - 99	29	0	0 - 24
Neuropsychiatric/Sensory Disease	1	0	0 -100	3	0	0 -100
Urologic Disease	3	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	35
Occupancy Rate (%):	34
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

JOHNSON CO HOSP

202 HIGH ST
TECUMSEH, NE 68450

Medicare Hospital Provider Number: 280052

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	192	15	7 - 18	202	16	8 - 19
Cancer	3	33	8 - 88	2	100	11 - 95
Cerebrovascular Accidents	4	0	4 - 70	12	42	9 - 62
Gastrointestinal Catastrophes	2	0	2 - 88	1	100	3 - 99
Infectious Disease	3	67	2 - 86	2	0	5 - 89
Metabolic/Electrolyte Disorders	5	0	1 - 74	3	33	4 - 86
Pulmonary Disease	19	16	13 - 49	14	21	15 - 59
Renal Failure	1	100	2 - 97	2	100	11 - 97
Severe Acute Heart Disease	8	50	11 - 72	2	50	2 - 92
Severe Chronic Heart Disease	11	45	5 - 61	17	47	6 - 53
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	17	6	0 - 95	24	0	0 - 32
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	17	6	0 - 71	24	4	0 - 47
Musculoskeletal/Skin Conditions	19	5	0 - 99	20	5	0 - 78
Neuropsychiatric/Sensory Disease	2	0	0 -100	5	20	0 -100
Urologic Disease	7	0	0 -100	12	0	0 - 78

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	30
Occupancy Rate (%):	40
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

KEARNEY CO COMM HOSP

727 E 1ST ST
MINDEN, NE 68959

Medicare Hospital Provider Number: 280022

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	85	11	9 - 23	107	15	9 - 23
Cancer	1	0	1 - 97	1	0	1 - 97
Cerebrovascular Accidents	5	40	4 - 77	8	38	8 - 69
Gastrointestinal Catastrophes	3	0	6 - 80	1	0	3 - 99
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 -100	3	0	5 - 79
Pulmonary Disease	4	0	10 - 73	8	50	9 - 70
Renal Failure	0	-	-	1	100	2 - 97
Severe Acute Heart Disease	9	44	20 - 78	4	50	11 - 87
Severe Chronic Heart Disease	0	-	-	7	43	5 - 71
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	7	0	0 - 99	13	0	0 - 96
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	8	13	0 - 99	8	0	0 - 72
Musculoskeletal/Skin Conditions	8	0	0 - 86	6	0	0 - 80
Neuropsychiatric/Sensory Disease	2	0	0 -100	0	-	-
Urologic Disease	2	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	80
Occupancy Rate (%):	71
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	37
Percent of Physicians Who Are Board Certified Specialists:	95
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

KIMBALL CO HOSPITAL

505 SOUTH BURG STREET
KIMBALL, NE 69145

Medicare Hospital Provider Number: 280033

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	119	13	6 - 19	147	10	8 - 18
Cancer	3	67	4 - 86	2	50	8 - 98
Cerebrovascular Accidents	4	25	2 - 80	3	33	2 - 86
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	1 - 97	1	0	1 - 97
Metabolic/Electrolyte Disorders	1	0	0 - 97	0	-	-
Pulmonary Disease	7	0	5 - 53	8	0	7 - 49
Renal Failure	1	100	1 -100	2	100	6 - 91
Severe Acute Heart Disease	5	20	14 - 80	7	43	14 - 77
Severe Chronic Heart Disease	4	0	2 - 72	11	18	6 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 -100	7	0	0 - 80
Gynecologic Disease	0	-	-	3	0	0 -100
Low-Risk Heart Disease	8	13	0 -100	15	0	0 - 79
Musculoskeletal/Skin Conditions	15	13	0 - 98	21	5	0 - 60
Neuropsychiatric/Sensory Disease	8	0	0 -100	7	14	0 -100
Urologic Disease	7	14	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	30
Occupancy Rate (%):	27
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

LANNING MARY MEM HOSP

715 N ST JOSEPH AVE
HASTINGS, NE 68901

Medicare Hospital Provider Number: 280032

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,399	14	10 - 15	1,448	13	11 - 16
Cancer	60	60	28 - 55	70	51	29 - 56
Cerebrovascular Accidents	52	25	18 - 43	58	19	20 - 42
Gastrointestinal Catastrophes	8	25	7 - 67	13	46	13 - 65
Infectious Disease	12	25	15 - 64	18	33	18 - 62
Metabolic/Electrolyte Disorders	7	14	3 - 65	31	19	10 - 43
Pulmonary Disease	69	28	16 - 40	58	21	17 - 41
Renal Failure	3	100	13 - 88	8	38	12 - 79
Severe Acute Heart Disease	66	36	28 - 53	77	45	31 - 55
Severe Chronic Heart Disease	66	35	13 - 37	70	21	13 - 34
Severe Trauma	2	0	6 - 90	4	50	5 - 83
Gastrointestinal Disease	118	3	1 - 10	98	3	1 - 11
Gynecologic Disease	17	0	0 -100	18	6	0 -100
Low-Risk Heart Disease	120	4	1 - 11	132	4	1 - 10
Musculoskeletal/Skin Conditions	160	1	1 - 6	173	2	1 - 7
Neuropsychiatric/Sensory Disease	62	0	1 - 10	65	5	0 - 39
Urologic Disease	73	3	0 - 21	98	2	1 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	195
Occupancy Rate (%):	44
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	53
Percent of Physicians Who Are Board Certified Specialists:	92
Interns and Residents:	0
Registered Nurses:	191
Licensed Practical Nurses:	20

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BOARD OF TRUSTEES
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THE MARY LANNING MEMORIAL HOSPITAL
HASTINGS, NEBRASKA 68901

J. W. Kenney
Administrator

October 20, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Please accept the following as comments regarding the Medicare Hospital Mortality information. Our hospital ID number is 280032.

HOSPITAL CHARACTERISTICS

In the Hospital Characteristics section, I would like to correct a number of items, including the number of beds. Mary Lanning Memorial Hospital is licensed for 195 beds and 16 bassinets for a total of 211 rather than the 146 you've listed. Also the percentage of physicians on our staff who are Board Certified Specialists is 98% rather than the 72% you listed. In the speciality services category, we do have an 11 bed intensive care/coronary care bed unit. You listed us as not having any. Also the hospital does have hospice services, although it is not a medicare certified hospice. Our hospice operates under the home health medicare number and is mostly outpatient.

MORTALITY FIGURES

Although Mary Lanning's actual mortality rate was within the range for predicted mortality, all the mortality information that was submitted to us by HCFA was reviewed by our Hospital's Executive committee, Quality Assurance committee, Obstetrics committee, Surgery committee and Internal Medicine committee.

In only two of the 16 diagnostic categories did Mary Lanning's actual mortality rate exceed the range for predicted mortality.

In the renal failure category, there were three cases and all three patients died. This is not surprising in light of the advanced age of the 3 individuals - one was 86 year old female, another a 95 year female and a 93 year old male. Upon review of the three charts, one of the physicians on our quality assurance committee said "all of these people died with renal failure but not of renal failure. They all had severe incapacitating diseases and were not candidates for dialysis, either extracorporeal or peritoneal...because of the extremely poor long term prognosis of their other associated diseases."

VHA. Member of Voluntary Hospitals of America, Inc.

Because of the small number of patients, the advanced age of the individuals, and the extenuating circumstances detailed above, the actual mortality rate at our hospital in 1987 for this disease category is not in the least an accurate indicator of quality.

The actual mortality rate for cancer patients at Mary Lanning Hospital was 5% higher than the range for predicted mortality. In talking with our medical staff concerning this, one of the reasons for the higher than predicted mortality rate is that we are a regional hospital that receives a number of complicated cancer cases. In conjuction with this, many of our cancer patients non-terminal admissions are made at their local hospitals, while the final admission takes place at our hospital.

Also, our physicians are very aggressive in providing high-quality medical care outside the hospital setting, so that when patients are admitted they are indeed in need of acute care. With the smaller number of patients admitted, the ratio of patients admitted to patient deaths would be higher than expected.

Thank you for this opportunity to correct and explain the data.

Sincerely,

Jerry Cronin

Jerry Cronin
Assistant Administrator

JC/ld

LINCOLN GEN HOSP

2300 S 16TH ST
LINCOLN, NE 68502

Medicare Hospital Provider Number: 280005

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,616	12	9 - 14	1,639	12	9 - 14
Cancer	99	40	30 - 54	106	36	29 - 52
Cerebrovascular Accidents	58	17	19 - 40	59	15	18 - 38
Gastrointestinal Catastrophes	12	67	15 - 67	10	30	9 - 65
Infectious Disease	8	38	14 - 74	6	50	13 - 80
Metabolic/Electrolyte Disorders	14	14	7 - 51	21	14	10 - 46
Pulmonary Disease	46	30	17 - 45	57	30	14 - 40
Renal Failure	3	100	11 - 86	3	67	10 - 92
Severe Acute Heart Disease	43	51	26 - 56	46	41	25 - 55
Severe Chronic Heart Disease	45	31	11 - 39	48	21	14 - 39
Severe Trauma	8	25	6 - 67	11	18	8 - 59
Gastrointestinal Disease	113	7	1 - 15	109	3	1 - 10
Gynecologic Disease	29	0	0 -100	21	0	0 -100
Low-Risk Heart Disease	110	6	2 - 13	104	3	1 - 10
Musculoskeletal/Skin Conditions	246	3	1 - 7	240	2	1 - 6
Neuropsychiatric/Sensory Disease	137	3	0 - 12	161	4	0 - 18
Urologic Disease	78	3	0 - 24	75	1	0 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	261
Occupancy Rate (%):	55
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	156
Percent of Physicians Who Are Board Certified Specialists:	88
Interns and Residents:	0
Registered Nurses:	183
Licensed Practical Nurses:	79

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

a better way to better health
LINCOLN GENERAL
HOSPITAL

October 20, 1988 Medicare Provider #280005

Health Standards and Quality Bureau, HCFA
Attention Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Mrs. Kappert:

Enclosed are comments Lincoln General Hospital wishes to have published by the Health Care Financing Administration along with the patient mortality report. Lincoln General Hospital fell outside the predicted mortality range in only one diagnostic category - renal failure. Following are comments regarding the patients within that category, as well as comments on patients within the gastrointestinal catastrophes category, where our percentage of patients who expired was at the top of the range.

Renal Failure

Lincoln General Hospital had only three patients in this category, and two of those did not expire at the hospital. One patient was discharged to home and expired, and the other was discharged to a skilled nursing facility and expired there.

All three patients had pre-existing multiple health problems. Two of them had widely metastatic prostate cancer, and the third patient had long-standing acute and chronic kidney problems. All three were designated per family and physician determination that resuscitative efforts should not be performed. Two were designated "do not resuscitate" upon admission, and the third received this designation on the day following admission.

Gastrointestinal Catastrophes

The eight patients in this category ranged from age 69 to 97 with an average age of 81.1. In addition to their acute gastrointestinal catastrophes, each patient had pre-existing multiple health problems.

HCFA mortality rates are calculated based on the principal diagnosis which brought the patient to the hospital and do not reflect the severity of illness, pre-existing health problems, other complications, or "do not resuscitate" status.

There were other statistical errors in the report which are addressed in our addendum.

Sincerely,

Arlan Stromberg
Administrator

wpc:7

Enclosures

LITZENBERG MEM CO HOSP

RR 2 BOX 1
CENTRAL CITY, NE 68826

Medicare Hospital Provider Number: 280042

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	149	23	11 - 25	188	16	10 - 21
Cancer	2	0	1 - 89	3	100	18 - 91
Cerebrovascular Accidents	4	25	4 - 79	5	40	6 - 78
Gastrointestinal Catastrophes	0	-	-	1	100	0 - 97
Infectious Disease	6	83	14 - 75	7	29	17 - 79
Metabolic/Electrolyte Disorders	1	100	3 - 99	3	33	0 - 97
Pulmonary Disease	18	61	19 - 63	16	44	18 - 65
Renal Failure	2	50	5 - 94	4	50	12 - 91
Severe Acute Heart Disease	6	17	14 - 74	9	33	20 - 76
Severe Chronic Heart Disease	6	17	6 - 68	7	29	3 - 69
Severe Trauma	1	0	2 - 97	0	-	-
Gastrointestinal Disease	19	11	0 - 55	14	7	0 - 74
Gynecologic Disease	2	0	0 -100	0	-	-
Low-Risk Heart Disease	13	15	0 - 98	24	4	0 - 40
Musculoskeletal/Skin Conditions	8	0	0 -100	19	0	0 - 61
Neuropsychiatric/Sensory Disease	3	33	0 - 99	8	0	0 - 97
Urologic Disease	8	0	0 -100	10	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	79
Occupancy Rate (%):	60
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LUNDBERG MEM HOSP

PO BOX 186
CREIGHTON, NE 68729

Medicare Hospital Provider Number: 280046

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	134	17	7 - 21	173	20	13 - 25
Cancer	1	0	0 - 98	4	75	12 - 86
Cerebrovascular Accidents	6	50	5 - 74	7	57	11 - 74
Gastrointestinal Catastrophes	1	0	1 - 97	3	0	13 - 86
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	50	4 - 93	3	33	0 - 93
Pulmonary Disease	14	29	11 - 58	28	32	20 - 55
Renal Failure	1	100	1 - 97	1	100	3 - 98
Severe Acute Heart Disease	4	25	10 - 83	14	50	20 - 69
Severe Chronic Heart Disease	13	38	4 - 57	5	60	2 - 79
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	24	0	0 - 31	18	0	0 - 70
Gynecologic Disease	6	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	6	0	0 - 99	14	0	0 - 45
Musculoskeletal/Skin Conditions	6	17	0 -100	9	0	0 - 99
Neuropsychiatric/Sensory Disease	2	0	0 -100	4	0	0 -100
Urologic Disease	4	25	0 -100	9	0	0 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	38
Occupancy Rate (%):	18
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LUTHERAN COMM HOSP

2700 NORFOLK AVE
NORFOLK, NE 68701

Medicare Hospital Provider Number: 280034

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	633	12	9 - 15	707	11	8 - 14
Cancer	18	56	20 - 65	16	56	20 - 67
Cerebrovascular Accidents	22	18	12 - 46	26	23	14 - 47
Gastrointestinal Catastrophes	5	40	6 - 78	4	50	2 - 82
Infectious Disease	2	50	2 - 92	4	25	5 - 80
Metabolic/Electrolyte Disorders	1	0	0 - 98	4	25	1 - 83
Pulmonary Disease	42	26	13 - 41	39	15	13 - 39
Renal Failure	6	67	10 - 80	4	100	13 - 81
Severe Acute Heart Disease	28	36	22 - 58	31	58	26 - 61
Severe Chronic Heart Disease	35	20	13 - 41	33	27	10 - 41
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	68	6	0 - 25	81	2	1 - 12
Gynecologic Disease	16	6	0 -100	15	0	0 -100
Low-Risk Heart Disease	42	2	1 - 20	57	5	1 - 17
Musculoskeletal/Skin Conditions	65	6	0 - 21	66	5	0 - 35
Neuropsychiatric/Sensory Disease	14	0	0 - 76	11	9	0 -100
Urologic Disease	51	4	1 - 19	55	2	0 - 26

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	78
Occupancy Rate (%):	44
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	41
Percent of Physicians Who Are Board Certified Specialists:	41
Interns and Residents:	0
Registered Nurses:	62
Licensed Practical Nurses:	36

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LUTHERAN MED CTR OF OMAHA

515 S 26TH ST
OMAHA, NE 68103

Medicare Hospital Provider Number: 280085

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	688	15	11 - 17	934	11	10 - 15
Cancer	31	35	22 - 58	33	27	22 - 55
Cerebrovascular Accidents	26	23	11 - 45	46	20	16 - 40
Gastrointestinal Catastrophes	8	25	16 - 74	9	33	14 - 72
Infectious Disease	8	38	8 - 70	6	50	11 - 79
Metabolic/Electrolyte Disorders	4	0	1 - 77	19	21	9 - 50
Pulmonary Disease	50	30	14 - 41	52	15	15 - 38
Renal Failure	0	-	-	2	50	8 - 98
Severe Acute Heart Disease	49	37	25 - 54	41	32	28 - 57
Severe Chronic Heart Disease	37	22	11 - 39	55	18	11 - 34
Severe Trauma	0	-	-	3	67	1 - 89
Gastrointestinal Disease	41	2	0 - 31	69	4	0 - 18
Gynecologic Disease	6	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	65	3	1 - 14	117	7	1 - 13
Musculoskeletal/Skin Conditions	73	4	1 - 15	99	1	0 - 9
Neuropsychiatric/Sensory Disease	14	7	0 - 85	73	3	0 - 26
Urologic Disease	20	0	0 - 97	24	0	0 - 59

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	248
Occupancy Rate (%):	62
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	163
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	0
Registered Nurses:	145
Licensed Practical Nurses:	22

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LUTHERAN
MEDICAL CENTER

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

The governing Board of Lutheran Medical Center with the support of the medical staff, administration and hospital staff are dedicated to providing quality care to all the patients it serves. Located in the downtown Omaha area, Lutheran Medical Center is comprised of Lutheran General Hospital, a 124 bed medical/surgical facility, and Richard Young Memorial Hospital, a 181 bed psychiatric care facility.

As clearly reflected in the published mortality data, Lutheran Medical Center is well within the expected ranges for all the selected diagnostic categories. Although significant improvements have been made in the statistical methodology used to arrive at these rates, we feel several critical indicators are still not fully addressed. Included among these are the patient's general health status, admission source or type, type of treatment provided, patient population and case mix. Because these issues are not clearly accounted for, we believe mortality data cannot be used as a valid indicator of hospital performance.

Lutheran Medical Center is extensively involved in the treatment of elderly patients. An average of 50 to 55% of all admissions to Lutheran General Hospital are Medicare beneficiaries. Many of these patients suffer from multiple chronic degenerative conditions which complicate and most certainly contribute to their final outcome and hospital course. Many of these patients are in the final stages of a terminal long standing illness. Death is often an expected outcome or the result of following the patients wishes with respect to the use of extraordinary life saving efforts. Often times these patients are discharged from the hospital only to be admitted to a post-acute care facility for palliative or supportive care where they then expire. Deaths of this kind which occurred within 30 days of discharge from the hospital have been included in the statistical calculation of mortality rates. More importantly, a majority of Lutheran General patients included in the analysis were admitted from the emergency room. These patients are generally in a critical state and are thus considered a high risk group. Additionally, all diagnostic categories in the 1987 mortality data have fewer than 100 cases in each group. Because of the small sample size, the validity of such information may be questionable and any subsequent conclusions may be misleading.

Although the statistical analysis used to arrive at the predicted mortality rates is complex, it is important to keep in mind that these rates are simply computed "averages" for the 16 diagnostic categories selected. The methodology used is intended to evaluate whether it is likely that hospital rates differ significantly from predicted averages. While we certainly support the need for a sound method of assessing quality, no statistical methodology has yet been validated as an actual indicator of quality. At best, these methodologies can only act as an adjunct to other medical review processes. We strongly encourage all those evaluating mortality data to do so with these limitations in mind.

Attached is Lutheran Medical Center's revised hospital characteristics.

Sincerely,

Gary L. Petersen, F.A.C.H.E.
President

GLP:kkw
Attach.

MELHAM JENNIE M MEM MED CTR

145 MEMORIAL DRIVE
BROKEN BOW, NE 68822

Medicare Hospital Provider Number: 280057

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	242	11	8 - 17	255	15	9 - 19
Cancer	2	0	8 - 92	2	50	7 - 95
Cerebrovascular Accidents	13	23	8 - 55	16	25	11 - 54
Gastrointestinal Catastrophes	1	0	1 - 97	4	50	8 - 84
Infectious Disease	5	60	7 - 79	2	0	2 - 88
Metabolic/Electrolyte Disorders	3	0	0 - 87	3	0	2 - 80
Pulmonary Disease	18	22	6 - 48	20	30	10 - 51
Renal Failure	1	100	2 - 97	1	0	3 - 98
Severe Acute Heart Disease	6	67	18 - 83	18	44	20 - 64
Severe Chronic Heart Disease	13	15	11 - 53	11	36	7 - 61
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	20	0	1 - 29	28	11	0 - 71
Gynecologic Disease	4	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	31	0	1 - 18	31	3	0 - 40
Musculoskeletal/Skin Conditions	22	0	0 - 42	22	9	0 - 91
Neuropsychiatric/Sensory Disease	11	9	0 - 99	3	0	0 -100
Urologic Disease	3	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	113
Occupancy Rate (%):	65
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEM HOSP AND HOME

7TH OSAGE
SIDNEY, NE 69162

Medicare Hospital Provider Number: 280015

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	283	15	7 - 16	398	13	8 - 15
Cancer	4	100	19 - 82	8	88	20 - 71
Cerebrovascular Accidents	6	33	6 - 73	16	44	14 - 60
Gastrointestinal Catastrophes	5	20	11 - 78	3	0	5 - 79
Infectious Disease	2	50	0 - 98	2	100	11 - 95
Metabolic/Electrolyte Disorders	1	0	0 -100	3	33	1 - 89
Pulmonary Disease	16	25	8 - 52	24	17	9 - 42
Renal Failure	0	-	-	1	0	2 - 98
Severe Acute Heart Disease	13	46	14 - 64	10	60	21 - 76
Severe Chronic Heart Disease	21	43	9 - 51	31	39	11 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	38	3	0 - 24	42	2	0 - 27
Gynecologic Disease	2	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	25	4	0 - 65	47	0	0 - 12
Musculoskeletal/Skin Conditions	20	5	0 - 85	50	2	0 - 23
Neuropsychiatric/Sensory Disease	4	0	0 - 99	13	0	0 -100
Urologic Disease	19	11	0 -100	14	7	0 - 96

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	115
Occupancy Rate (%):	55
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEM HOSP OF DODGE CO

450 E 23RD ST
FREMONT, NE 68025

Medicare Hospital Provider Number: 280077

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,214	12	10 - 15	1,123	11	10 - 15
Cancer	26	46	24 - 63	36	44	27 - 62
Cerebrovascular Accidents	40	35	14 - 44	40	25	15 - 43
Gastrointestinal Catastrophes	8	25	9 - 68	15	60	22 - 70
Infectious Disease	19	26	15 - 56	5	0	6 - 64
Metabolic/Electrolyte Disorders	7	0	13 - 59	10	50	5 - 65
Pulmonary Disease	71	30	18 - 41	49	29	13 - 40
Renal Failure	7	71	24 - 91	6	33	16 - 87
Severe Acute Heart Disease	67	39	28 - 53	57	32	29 - 55
Severe Chronic Heart Disease	43	33	10 - 39	39	21	14 - 41
Severe Trauma	1	0	1 - 97	1	0	0 - 99
Gastrointestinal Disease	104	4	1 - 11	100	0	1 - 6
Gynecologic Disease	21	0	0 -100	22	0	0 -100
Low-Risk Heart Disease	98	2	2 - 9	89	3	1 - 11
Musculoskeletal/Skin Conditions	152	3	1 - 8	128	1	1 - 6
Neuropsychiatric/Sensory Disease	24	17	0 - 82	29	3	0 - 66
Urologic Disease	91	2	0 - 17	64	0	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 245
Occupancy Rate (%): 77
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 33
Percent of Physicians Who Are Board Certified Specialists: 85
Interns and Residents: 0
Registered Nurses: 90
Licensed Practical Nurses: 6

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

MEMORIAL COMM HOSP

810 N 22ND ST
BLAIR, NE 68008

Medicare Hospital Provider Number: 280047

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	335	13	9 - 17	368	17	12 - 20
Cancer	7	43	18 - 81	9	56	22 - 80
Cerebrovascular Accidents	10	20	6 - 58	13	38	10 - 60
Gastrointestinal Catastrophes	2	50	6 - 95	4	50	11 - 87
Infectious Disease	4	50	12 - 88	4	25	7 - 81
Metabolic/Electrolyte Disorders	1	0	0 - 99	10	30	7 - 63
Pulmonary Disease	23	30	10 - 48	38	34	13 - 45
Renal Failure	0	-	-	1	0	1 - 97
Severe Acute Heart Disease	17	29	21 - 63	21	33	25 - 64
Severe Chronic Heart Disease	12	8	10 - 49	11	36	4 - 61
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	39	0	1 - 13	30	3	0 - 36
Gynecologic Disease	9	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	34	6	1 - 27	26	8	0 - 49
Musculoskeletal/Skin Conditions	22	5	2 - 29	27	7	0 - 56
Neuropsychiatric/Sensory Disease	6	0	0 - 95	7	0	0 -100
Urologic Disease	19	0	0 - 85	18	0	0 - 62

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	46
Occupancy Rate (%):	33
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	12
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	0
Registered Nurses:	34
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEMORIAL
COMMUNITY
HOSPITAL

October 17, 1988

Medicare Provider Number: 280047

COMMENTS FOR PUBLICATION:

We don't know what the figures prove other than Memorial Community Hospital falls into the median range. We would like to add that the average age of deaths in this group was 82 years.

Judith A. Sick

Judith A. Sick
Assistant Administrator

JAS:ed

"A Good Neighbor
When You Need One"
Memorial Community Hospital
810 North 22nd Street
Blair, Nebraska 68008
Telephone: 402/426-2182

MEMORIAL HOSP

300 N COLUMBIA AVE
SEWARD, NE 68434

Medicare Hospital Provider Number: 280058

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	238	17	9 - 19	257	18	8 - 19
Cancer	5	60	11 - 81	2	100	3 - 88
Cerebrovascular Accidents	9	33	11 - 67	17	29	11 - 54
Gastrointestinal Catastrophes	0	-	-	3	0	3 - 80
Infectious Disease	3	33	6 - 87	1	0	0 - 99
Metabolic/Electrolyte Disorders	4	75	5 - 80	11	27	2 - 61
Pulmonary Disease	22	32	11 - 51	19	47	11 - 55
Renal Failure	1	0	2 - 97	0	-	-
Severe Acute Heart Disease	13	23	19 - 64	15	33	23 - 69
Severe Chronic Heart Disease	9	33	4 - 64	16	50	5 - 54
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	27	7	0 - 48	28	7	0 - 69
Gynecologic Disease	2	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	27	7	0 - 58	16	6	0 - 83
Musculoskeletal/Skin Conditions	18	11	0 - 79	17	0	0 - 90
Neuropsychiatric/Sensory Disease	3	0	0 -100	2	0	0 -100
Urologic Disease	12	0	0 - 64	13	8	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	47
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEMORIAL HOSP

104 W 17TH
SCHUYLER, NE 68661

Medicare Hospital Provider Number: 280083

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	228	15	10 - 20	235	12	10 - 20
Cancer	2	100	6 - 90	2	0	2 - 88
Cerebrovascular Accidents	15	13	14 - 52	14	29	12 - 58
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	4	75	11 - 84	9	44	11 - 70
Pulmonary Disease	24	42	12 - 52	31	19	15 - 45
Renal Failure	1	0	2 -100	3	67	8 - 90
Severe Acute Heart Disease	12	50	16 - 68	7	14	17 - 72
Severe Chronic Heart Disease	16	38	9 - 55	14	21	9 - 53
Severe Trauma	1	0	0 - 97	0	-	-
Gastrointestinal Disease	22	5	0 - 67	20	0	0 - 59
Gynecologic Disease	2	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	37	3	1 - 22	26	4	0 - 48
Musculoskeletal/Skin Conditions	11	0	0 - 95	12	0	0 - 95
Neuropsychiatric/Sensory Disease	0	-	-	7	0	0 - 98
Urologic Disease	6	0	0 - 71	9	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	59
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	26
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEMORIAL HOSPITAL

1423 7TH ST
AURORA, NE 68818

Medicare Hospital Provider Number: 280074

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	241	14	10 - 19	308	11	9 - 17
Cancer	5	40	14 - 84	8	50	19 - 80
Cerebrovascular Accidents	4	75	10 - 84	10	30	10 - 64
Gastrointestinal Catastrophes	2	50	2 - 92	0	-	-
Infectious Disease	2	50	7 - 95	3	0	9 - 82
Metabolic/Electrolyte Disorders	3	0	5 - 79	8	0	5 - 50
Pulmonary Disease	21	33	12 - 53	28	18	13 - 44
Renal Failure	1	100	3 - 98	0	-	-
Severe Acute Heart Disease	11	45	17 - 71	17	35	22 - 66
Severe Chronic Heart Disease	20	20	8 - 45	13	15	7 - 51
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	22	18	1 - 51	27	0	0 - 24
Gynecologic Disease	2	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	28	4	0 - 37	33	3	0 - 27
Musculoskeletal/Skin Conditions	14	14	0 - 99	27	7	0 - 77
Neuropsychiatric/Sensory Disease	5	0	0 -100	10	0	0 -100
Urologic Disease	10	0	0 -100	15	0	0 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	78
Occupancy Rate (%):	74
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	22
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEMORIAL HOSPITAL
1423 Seventh Street
AURORA, NEBRASKA 68818
(402) 694-3171

Operated by
Memorial Foundation, Inc.

MEDICARE NO. 28-0074

October 20, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Regarding data of Medicare Hospital Mortality Information (1987), the report lists our hospital characteristics with 29 beds, but there are 33 licensed acute care beds. With respect to specialty services listing our hospital as having organ transplant service, while our hospital does offer outpatient hemodialysis service, it is not known to the undersigned whether this fits the definition for "Organ Transplant Services".

As to the 100% mortality rate under the diagnostic category "Renal Failure," this involved only one case, and a review of the patient's chart shows that the patient's condition at the time of admission, along with his other comorbidities, made him unresponsive to all care including code procedures.

Sincerely,

ELDON A. "BUD" WALL
Administrator

EW:mg

METHODIST MIDTOWN

3612 CUMING ST
OMAHA, NE 68131

Medicare Hospital Provider Number: 280122

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2	0	0 -100	0	-	-
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	0	-	-
Musculoskeletal/Skin Conditions	0	-	-	0	-	-
Neuropsychiatric/Sensory Disease	2	0	0 -100	0	-	-
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	142
Ownership/Control:	Church

STAFFING

Interns and Residents:	0
Registered Nurses:	36
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

METHODIST HOSPITAL
THE NEBRASKA METHODIST HOSPITAL, 8303 DODGE STREET, OMAHA, NEBRASKA 68114, 402-390-4000

October 21, 1988

Health Standards & Quality Bureau, HEFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

This letter is in response to the Medicare Hospital Mortality Information for Methodist Hospital # 280040 and Methodist Midtown # 280122. Data under hospital characteristics is incorrect for both hospitals.

Information should read:

Methodist Hospital - 280040

Beds (#)	559
Occupancy rate (%)	38.3
Total number of physicians	450
Percent of physicians Board Certified	72

Methodist Midtown - 280122

Beds (#)	236
Occupancy rate (%)	41
Ownership/Control	Church
Total number of physicians	450
Percent of physicians Board Certified	72

Thank you for the opportunity to correct these statistics.

Sincerely,

Ruth Freed RN
Ruth Freed, R.N.
Director, Patient Care
Support Services

RF:mg

MIDLANDS COMM HOSP

11111 S 84TH ST
PAPILLION, NE 68046

Medicare Hospital Provider Number: 280105

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	605	15	10 - 16	611	10	9 - 15
Cancer	17	24	26 - 68	8	63	16 - 76
Cerebrovascular Accidents	35	26	17 - 46	40	20	16 - 42
Gastrointestinal Catastrophes	7	43	9 - 74	8	0	13 - 56
Infectious Disease	12	50	14 - 67	5	20	12 - 79
Metabolic/Electrolyte Disorders	5	20	9 - 77	11	18	3 - 57
Pulmonary Disease	39	36	14 - 45	46	28	16 - 44
Renal Failure	0	-	-	3	67	10 - 93
Severe Acute Heart Disease	32	31	25 - 58	22	41	22 - 62
Severe Chronic Heart Disease	21	19	8 - 43	25	20	9 - 42
Severe Trauma	2	50	1 - 92	2	0	0 - 92
Gastrointestinal Disease	46	7	0 - 42	44	2	0 - 25
Gynecologic Disease	3	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	70	4	1 - 15	63	2	1 - 12
Musculoskeletal/Skin Conditions	58	5	0 - 29	72	0	1 - 8
Neuropsychiatric/Sensory Disease	19	11	0 - 99	24	0	0 - 83
Urologic Disease	22	0	0 - 31	19	0	0 - 91

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	167
Occupancy Rate (%):	49
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	61
Percent of Physicians Who Are Board Certified Specialists:	82
Interns and Residents:	0
Registered Nurses:	130
Licensed Practical Nurses:	16

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MORRILL CO COMM HOSP

POB 579
BRIDGEPORT, NE 69336

Medicare Hospital Provider Number: 280026

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	76	13	8 - 24	86	8	7 - 20
Cancer	2	100	2 - 88	0	-	-
Cerebrovascular Accidents	2	0	2 - 89	3	67	3 - 86
Gastrointestinal Catastrophes	1	100	2 - 97	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	2 -100	4	0	4 - 71
Pulmonary Disease	5	40	2 - 78	3	0	2 - 81
Renal Failure	2	100	10 - 95	0	-	-
Severe Acute Heart Disease	4	25	9 - 83	1	0	1 - 97
Severe Chronic Heart Disease	6	0	3 - 58	13	31	9 - 58
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	0	0 - 87	7	0	0 - 99
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	10	0	0 - 64	8	0	0 - 95
Musculoskeletal/Skin Conditions	8	0	0 - 93	8	0	0 - 80
Neuropsychiatric/Sensory Disease	4	25	0 -100	7	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	25
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NEBRASKA METHODIST HOSP

8303 DODGE ST
OMAHA, NE 68114

Medicare Hospital Provider Number: 280040

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,718	11	9 - 13	2,716	10	9 - 14
Cancer	154	27	27 - 47	146	38	31 - 52
Cerebrovascular Accidents	86	34	15 - 37	92	24	18 - 37
Gastrointestinal Catastrophes	25	20	19 - 55	26	38	20 - 60
Infectious Disease	11	36	12 - 66	14	21	19 - 64
Metabolic/Electrolyte Disorders	15	40	8 - 58	37	22	10 - 42
Pulmonary Disease	97	31	20 - 41	98	20	16 - 35
Renal Failure	8	50	12 - 79	10	30	19 - 81
Severe Acute Heart Disease	139	34	28 - 47	115	35	29 - 48
Severe Chronic Heart Disease	92	32	14 - 34	99	27	15 - 34
Severe Trauma	7	14	6 - 65	8	25	7 - 67
Gastrointestinal Disease	167	4	1 - 9	195	3	1 - 7
Gynecologic Disease	35	0	0 -100	39	0	0 -100
Low-Risk Heart Disease	347	4	1 - 7	353	5	2 - 7
Musculoskeletal/Skin Conditions	370	2	1 - 5	296	2	1 - 6
Neuropsychiatric/Sensory Disease	104	1	0 - 9	156	1	0 - 6
Urologic Disease	169	2	0 - 9	138	1	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	728
Occupancy Rate (%):	42
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	274
Percent of Physicians Who Are Board Certified Specialists:	88
Interns and Residents:	0
Registered Nurses:	337
Licensed Practical Nurses:	30

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

METHODIST HOSPITAL
THE NEBRASKA METHODIST HOSPITAL, 8303 DODGE STREET, OMAHA, NEBRASKA 68114, 402-390-4000

October 21, 1988

Health Standards & Quality Bureau, HEFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

This letter is in response to the Medicare Hospital Mortality Information for Methodist Hospital # 280040 and Methodist Midtown # 280122. Data under hospital characteristics is incorrect for both hospitals.

Information should read:

Methodist Hospital - 280040

Beds (#)	559
Occupancy rate (%)	38.3
Total number of physicians	450
Percent of physicians Board Certified	72

Methodist Midtown - 280122

Beds (#)	236
Occupancy rate (%)	41
Ownership/Control	Church
Total number of physicians	450
Percent of physicians Board Certified	72

Thank you for the opportunity to correct these statistics.

Sincerely,

Ruth Freed Rn
Ruth Freed, R.N.
Director, Patient Care
Support Services

RF:mg

NEMAHA CO HOSPITAL

2022 13TH ST
AUBURN, NE 68305

Medicare Hospital Provider Number: 280028

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	194	14	9 - 19	263	17	9 - 19
Cancer	7	86	26 - 82	6	83	22 - 83
Cerebrovascular Accidents	13	46	10 - 61	17	53	18 - 63
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	0	0 - 98
Metabolic/Electrolyte Disorders	0	-	-	3	33	1 - 88
Pulmonary Disease	17	24	8 - 50	24	33	18 - 55
Renal Failure	3	100	8 - 83	2	100	5 - 90
Severe Acute Heart Disease	4	0	16 - 78	7	29	14 - 75
Severe Chronic Heart Disease	13	31	5 - 56	14	50	7 - 58
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	21	0	0 - 59	30	13	0 - 81
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	11	0	0 - 93	24	4	0 - 59
Musculoskeletal/Skin Conditions	18	0	0 - 84	25	4	0 - 85
Neuropsychiatric/Sensory Disease	4	0	0 -100	12	0	0 -100
Urologic Disease	10	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	42
Occupancy Rate (%):	45
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NIOBRARA VALLEY HOSP

PO BOX 118
LYNCH, NE 68746

Medicare Hospital Provider Number: 280025

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	95	13	10 - 24	112	15	8 - 23
Cancer	1	0	1 - 97	2	50	6 - 94
Cerebrovascular Accidents	2	50	2 - 92	3	33	1 - 88
Gastrointestinal Catastrophes	1	0	0 - 97	1	0	3 - 99
Infectious Disease	2	50	3 - 92	1	100	1 -100
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 - 98
Pulmonary Disease	14	7	14 - 49	16	25	10 - 53
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	7	43	13 - 76	8	25	14 - 71
Severe Chronic Heart Disease	5	0	1 - 70	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	6	0	0 -100	13	15	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	7	0	0 - 98	10	0	0 - 94
Musculoskeletal/Skin Conditions	10	0	0 - 79	10	0	0 - 98
Neuropsychiatric/Sensory Disease	1	0	0 -100	3	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	29
Occupancy Rate (%):	14
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

OAKLAND MEM HOSP

601 E 2ND ST
OAKLAND, NE 68045

Medicare Hospital Provider Number: 280045

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	121	19	11 - 25	123	15	12 - 25
Cancer	1	100	3 - 98	2	50	2 - 92
Cerebrovascular Accidents	1	0	0 - 99	4	50	4 - 82
Gastrointestinal Catastrophes	0	-	-	3	0	4 - 79
Infectious Disease	2	100	3 - 88	2	50	2 - 92
Metabolic/Electrolyte Disorders	1	0	0 -100	1	0	2 -100
Pulmonary Disease	23	26	14 - 51	17	29	19 - 61
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	13	23	20 - 65	5	20	11 - 78
Severe Chronic Heart Disease	11	9	7 - 50	16	44	10 - 56
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	12	8	0 - 99	9	0	0 - 99
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	7	0	0 -100	10	0	0 - 86
Musculoskeletal/Skin Conditions	11	0	0 - 76	4	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	0	-	-
Urologic Disease	2	0	0 -100	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	23
Occupancy Rate (%):	26
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Oakland Memorial Hospital

601 East 2nd St.
Oakland, Nebraska 68045

Provider number 28-0045

Oakland Memorial Hospital's Comments of 1987 HCFA Mortality Data

DATA VERIFICATION:

1. The hospital is listed at 21 beds where its actual license is for 23 beds.

2. HCFA has expanded its mortality range to now include, in addition to patients who died within 30 days of hospital discharge to now include patients whose last discharge in 1987 prior to their death was from our hospital. This does inflate the mortality count.

3. One patient died in 1988 (2-10-88), but was dismissed from our hospital in November, 1987. This patient is included in the report.

4. One patient was omitted from the count

5. One patient has an incorrect date of death listed.

INTERPRETIVE REMARKS:

1. Increasing the range of mortality to include patients whose last discharge was in 1987 inflates the mortality rate by 6.

2. As indicated in prior years, our hospital has a swing bed program (skilled nursing care). This program allows patients to be discharged from acute care and admitted to swing bed while staying in the same hospital in the same bed and receiving the same level of care. Six of the mortalities listed were patients who were discharged from acute into a swing bed program and remained in the hospital and expired. In many cases these are terminally ill patients whose course of deterioration is nonreversible. They could just as easily have been at home.

3. 13 patients died while in acute care, 14 after discharge. Six of the 14 after discharge were beyond the 30 day post discharge category.

4. Our hospital is outside the range of predicted mortality in two diagnostic categories. One, cancer. We had one patient admitted whose principal diagnosis was cancer and that patient's cause of death was cancer giving us a percentage of 100. The predicted range was 3-98 percent. It is important to bear in mind that many patients who have cancer are admitted for other diagnoses and die of these other diagnoses without cnacer being listed. On examining the care this patient received, care was of the usual predicted and high quality nature. Infectious disease was the second category in which we were outside the range of predicted mortality. The predicted range was 3-88 percent. We had two patients admitted, both of whom expired. Again, documentation supports the appropriate level of care that both patients received. Both patients were over 80 yeard old, in fact one was 96. They both had an array of complicating illnesses and chronic diseases.

Sincerely,

Edward G. Leake

Edward G. Leake, Administrator

Operated by Lutheran Hospitals & Homes Society

OGALLALA COMMUNITY HOSP

300 EAST 10TH STREET
OGALLALA, NE 69153

Medicare Hospital Provider Number: 280089

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	192	14	8 - 18	212	17	7 - 18
Cancer	3	33	8 - 89	6	33	11 - 77
Cerebrovascular Accidents	10	40	11 - 67	11	36	9 - 62
Gastrointestinal Catastrophes	4	50	6 - 83	0	-	-
Infectious Disease	1	0	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	5	20	1 - 82
Pulmonary Disease	12	17	4 - 52	15	33	9 - 56
Renal Failure	4	25	12 - 88	0	-	-
Severe Acute Heart Disease	11	36	12 - 65	8	63	16 - 75
Severe Chronic Heart Disease	9	44	2 - 68	11	36	9 - 63
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	18	11	0 - 54	18	6	0 - 58
Gynecologic Disease	8	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	21	0	1 - 25	25	8	0 - 76
Musculoskeletal/Skin Conditions	16	0	0 - 88	18	0	0 - 92
Neuropsychiatric/Sensory Disease	8	0	0 -100	11	0	0 - 99
Urologic Disease	5	0	0 -100	10	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	41
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

OSMOND GENERAL HOSPITAL

5TH AND MAPLE STS
OSMOND, NE 68765

Medicare Hospital Provider Number: 280066

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	175	17	12 - 24	211	23	14 - 26
Cancer	3	0	5 - 79	2	50	7 - 95
Cerebrovascular Accidents	15	20	13 - 54	20	45	17 - 59
Gastrointestinal Catastrophes	2	50	6 - 95	0	-	-
Infectious Disease	1	0	1 - 97	1	0	3 - 98
Metabolic/Electrolyte Disorders	0	-	-	1	0	1 - 97
Pulmonary Disease	32	19	15 - 44	25	16	14 - 46
Renal Failure	0	-	-	1	0	1 -100
Severe Acute Heart Disease	20	25	21 - 59	14	64	21 - 69
Severe Chronic Heart Disease	9	67	5 - 64	19	47	12 - 55
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	13	0	0 - 52	23	0	1 - 24
Gynecologic Disease	5	0	0 -100	0	-	-
Low-Risk Heart Disease	18	6	0 - 76	21	0	0 - 36
Musculoskeletal/Skin Conditions	9	0	0 - 67	14	7	0 - 94
Neuropsychiatric/Sensory Disease	2	0	0 -100	5	20	0 -100
Urologic Disease	2	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	30
Occupancy Rate (%):	57
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

OSMOND GENERAL HOSPITAL
Osmond Nebraska 68765

Provider
No. 28-0066

October 19, 1988

Health Standards & Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore MD 21207

Dear Sirs:

We appreciate the opportunity to provide comments to the recently released mortality data for those Medicare patients treated and discharged from our hospital in 1987.

We are pleased to know that our comments will be published in the Federal Register and become a part of the information made available to the public.

We are further pleased that HCFA recognizes that the data, in itself, is not a complete measure of the quality of care in a hospital, and that the predicted mortality rates for an individual hospital are merely averages. And in those categories with small number of cases, a far greater uncertainty exists in meeting the expected ranges.

In all categories, our actual mortality rate decreased 6% from the 1986 data, from 23% to 17%, representing a decrease in overall deaths from 49 to 30.

In all but one diagnostic category, the number of deaths in our hospital fell within the predicted range for mortality.

In one diagnostic category, severe chronic heart disease, our hospital's predicted mortality figures range from 5% to 64%, with our actual number of deaths from the nine cases admitted calculating out to be 67%, 3% over the average.

For our hospital to fall within the predicted mortality range, as determined from your calculations, our number of deaths would have been from 45/100 of a death to 5 3/4 deaths.

Our actual number of deaths in this category were 6.

Of these six cases, five deaths occurred while the patients were in the hospital, and one case occurred twenty days after discharge.

Death of the patient occurring twenty days after discharge was due to suicide, while living at his daughter's home.

Of the five deaths occurring within the hospital, three of the patients had been living alone, their ages 82, 88 and 88. One patient died within 35 hours of admission. One other patient developed pneumonia and had a coronary, that being the cause of death, after 14 days.

One other patient had been living with her daughter. She was 89 and had not been to a physician in years and did not want to go to a hospital. She died five hours after admission.

The last case, a 94 year old, died within 40 hours of admission from a nursing home, being admitted near midnight on a Saturday night.

It is essential for HCFA and the public in general to understand that in cases such as these, we are not dealing in averages. The average age of all nine cases was 85.8, with the average age of those dying 87.7. Ages ranged from 82 to 94.

Our hospital is a rural acute care hospital accepting swing bed (skilled nursing and intermediate care) patients. Our three physicians on the active medical staff are all General Practitioners. Our hospital serves three communities having nursing homes but no other hospital; as a consequence, we receive many referrals from these communities of the aged and infirm.

Our rural area has a very high elderly population, and although it is not an impoverished area, a high level of community health services just do not exist. Primary health care consists of the family physician and the area hospital.

One very important monthly function of the medical staff is its review of all deaths occurring within the hospital. All information and circumstances surrounding a death is reviewed against criteria and a decision made as to whether death was preventable. In every case, the deaths reviewed were found to be inevitable and not preventable.

We hope the information that we have presented provides additional insite into the true picture of the deaths that occurred within and outside our hospital during this time frame, in the hopes that incorrect conclusions are not drawn from the information about our hospital or any other hospital in the report.

One last thought... a study conducted concerning the number of patients discharged alive, able to return to normal or near-normal life once again, the result of appropriate medical care, by dedicated health care professionals.... might go far in assisting the general public in drawing conclusions on medical facilities. Might even be more helpful than mortality data.

Sincerely,

Leonard Frodyma

Leonard Frodyma
Administrator

OUR LADY OF LOURDES HOSP

1500 KOENIGSTEIN AVE
NORFOLK, NE 68701

Medicare Hospital Provider Number: 280012

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	417	15	11 - 19	514	15	10 - 17
Cancer	10	20	13 - 64	13	46	16 - 67
Cerebrovascular Accidents	18	22	15 - 54	39	38	16 - 46
Gastrointestinal Catastrophes	4	50	7 - 84	3	33	6 - 87
Infectious Disease	3	33	4 - 86	9	33	16 - 73
Metabolic/Electrolyte Disorders	3	0	6 - 80	8	25	4 - 66
Pulmonary Disease	42	36	18 - 48	30	20	14 - 45
Renal Failure	2	100	5 - 90	2	100	10 - 95
Severe Acute Heart Disease	26	31	20 - 56	15	47	21 - 68
Severe Chronic Heart Disease	15	27	9 - 54	30	27	11 - 44
Severe Trauma	1	0	0 - 99	0	-	-
Gastrointestinal Disease	48	4	1 - 21	41	15	0 - 52
Gynecologic Disease	14	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	35	3	0 - 26	31	6	0 - 37
Musculoskeletal/Skin Conditions	33	3	1 - 23	44	5	0 - 45
Neuropsychiatric/Sensory Disease	10	10	0 -100	15	0	0 - 84
Urologic Disease	7	0	0 -100	23	0	0 - 44

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	84
Occupancy Rate (%):	38
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	36
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PAWNEE CO MEM HOSP

600 I ST
PAWNEE CITY, NE 68420

Medicare Hospital Provider Number: 280073

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	125	12	9 - 22	144	14	10 - 22
Cancer	0	-	-	5	100	30 - 86
Cerebrovascular Accidents	5	40	7 - 78	5	40	7 - 78
Gastrointestinal Catastrophes	1	0	0 - 99	1	0	3 - 98
Infectious Disease	3	67	8 - 89	0	-	-
Metabolic/Electrolyte Disorders	3	33	0 - 94	7	14	5 - 64
Pulmonary Disease	9	22	13 - 66	12	25	11 - 60
Renal Failure	1	100	3 - 99	1	100	1 - 97
Severe Acute Heart Disease	7	29	11 - 72	2	50	5 - 94
Severe Chronic Heart Disease	10	30	6 - 61	5	20	3 - 74
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	14	0	0 - 63	13	0	0 - 54
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	9	0	0 - 95	18	6	0 - 55
Musculoskeletal/Skin Conditions	6	0	0 -100	14	0	0 - 70
Neuropsychiatric/Sensory Disease	1	0	0 -100	3	0	0 -100
Urologic Disease	2	0	0 -100	3	33	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	23
Occupancy Rate (%):	22
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	16
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PENDER COMM HOSP

PO BOX 100
PENDER, NE 68047

Medicare Hospital Provider Number: 280055

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	173	17	12 - 24	201	12	12 - 22
Cancer	0	-	-	4	75	13 - 86
Cerebrovascular Accidents	13	31	17 - 65	14	21	16 - 59
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	3	0	5 - 79
Metabolic/Electrolyte Disorders	2	0	6 - 90	3	33	9 - 90
Pulmonary Disease	24	17	19 - 51	24	21	20 - 54
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	7	57	20 - 83	6	17	16 - 77
Severe Chronic Heart Disease	14	50	11 - 61	18	22	13 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	19	0	1 - 27	15	7	0 - 66
Gynecologic Disease	2	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	21	5	0 - 57	16	0	0 - 45
Musculoskeletal/Skin Conditions	11	9	0 -100	16	6	0 - 51
Neuropsychiatric/Sensory Disease	3	0	0 -100	10	0	0 -100
Urologic Disease	6	17	0 -100	14	0	0 - 67

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	39
Occupancy Rate (%):	28
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PERKINS CO COMM HOSP

902 CENTRAL AVE
GRANT, NE 69140

Medicare Hospital Provider Number: 280024

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	169	12	8 - 19	194	8	6 - 15
Cancer	1	100	3 - 99	4	50	7 - 83
Cerebrovascular Accidents	7	29	6 - 69	2	0	1 - 89
Gastrointestinal Catastrophes	2	50	8 - 97	2	50	3 - 92
Infectious Disease	1	0	1 - 97	1	100	1 - 97
Metabolic/Electrolyte Disorders	1	100	3 - 98	1	0	2 -100
Pulmonary Disease	13	31	9 - 58	16	13	13 - 50
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	11	36	16 - 68	8	75	11 - 68
Severe Chronic Heart Disease	7	43	3 - 71	4	0	2 - 72
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	20	0	1 - 25	25	0	0 - 26
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	28	4	0 - 35	29	3	0 - 55
Musculoskeletal/Skin Conditions	13	0	0 - 99	26	0	0 - 31
Neuropsychiatric/Sensory Disease	5	0	0 -100	3	0	0 -100
Urologic Disease	11	0	0 -100	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	70
Occupancy Rate (%):	93
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PHELPS MEM HEALTH CTR

1220 MILLER ST
HOLDREGE, NE 68949

Medicare Hospital Provider Number: 280108

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	555	10	7 - 13	635	11	9 - 15
Cancer	9	44	15 - 73	6	50	17 - 84
Cerebrovascular Accidents	17	35	11 - 55	16	19	15 - 55
Gastrointestinal Catastrophes	6	33	5 - 73	8	25	11 - 69
Infectious Disease	2	0	2 - 88	4	75	12 - 85
Metabolic/Electrolyte Disorders	4	0	3 - 71	11	18	7 - 57
Pulmonary Disease	24	17	14 - 46	55	22	17 - 41
Renal Failure	1	100	3 - 98	4	75	10 - 87
Severe Acute Heart Disease	16	31	22 - 66	27	30	25 - 60
Severe Chronic Heart Disease	24	13	14 - 43	22	36	11 - 50
Severe Trauma	2	0	5 - 89	0	-	-
Gastrointestinal Disease	87	3	0 - 15	82	5	1 - 16
Gynecologic Disease	7	0	0 -100	11	0	0 -100
Low-Risk Heart Disease	59	2	1 - 12	63	3	0 - 17
Musculoskeletal/Skin Conditions	41	2	0 - 28	58	7	0 - 39
Neuropsychiatric/Sensory Disease	10	0	0 - 99	20	0	0 - 68
Urologic Disease	33	3	0 - 56	24	0	0 - 57

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 55
Occupancy Rate (%): 55
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 13
Percent of Physicians Who Are Board Certified Specialists: 85
Interns and Residents: 0
Registered Nurses: 30
Licensed Practical Nurses: 25

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

PHS INDIAN HOSPITAL

WINNEBAGO, NE 68071

Medicare Hospital Provider Number: 280119

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	29	7	4 - 28	44	2	4 - 18
Cancer	1	100	3 - 99	0	-	-
Cerebrovascular Accidents	0	-	-	1	0	0 - 99
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	100	1 - 97
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	4	0	4 - 70	3	0	2 - 81
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	1	100	2 - 97	2	0	0 - 92
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	3	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	4	0	0 -100	5	0	0 - 92
Musculoskeletal/Skin Conditions	0	-	-	4	0	0 -100
Neuropsychiatric/Sensory Disease	4	0	0 -100	3	0	0 -100
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	33
Ownership/Control:	Federal Government

STAFFING

Interns and Residents:	0
Registered Nurses:	14
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

PIONEER MEMORIAL COMMUNITY HOSPITAL

P.O. BOX 493
MULLEN,, NE 69152

Medicare Hospital Provider Number: 280116

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1	0	0 - 99	28	7	7 - 30
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	3	0	5 - 79
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	1	0	0 - 99	6	17	6 - 69
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	1	100	2 - 97
Severe Chronic Heart Disease	0	-	-	2	0	3 - 88
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	2	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	4	0	0 -100
Musculoskeletal/Skin Conditions	0	-	-	1	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	9
Ownership/Control:	District/Authority

STAFFING

Interns and Residents:	0
Registered Nurses:	4
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PLAINVIEW PUB HOSP

P.O. BOX 489
PLAINVIEW, NE 68769

Medicare Hospital Provider Number: 280041

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	117	14	9 - 22	142	13	7 - 19
Cancer	5	80	20 - 87	1	100	0 - 98
Cerebrovascular Accidents	4	0	6 - 71	5	40	4 - 77
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	2	50	3 - 92
Metabolic/Electrolyte Disorders	1	0	0 -100	0	-	-
Pulmonary Disease	15	20	8 - 51	18	22	10 - 50
Renal Failure	2	50	6 - 95	1	100	2 - 97
Severe Acute Heart Disease	7	0	21 - 65	3	33	4 - 86
Severe Chronic Heart Disease	7	43	3 - 71	12	25	7 - 56
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	0	0 - 83	14	0	0 - 81
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	5	0	0 -100	13	8	0 - 84
Musculoskeletal/Skin Conditions	11	9	0 - 82	13	0	0 - 69
Neuropsychiatric/Sensory Disease	2	0	0 -100	6	0	0 -100
Urologic Disease	3	0	0 -100	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	29
Occupancy Rate (%):	21
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PROVIDENCE MED CTR

1200 PROVIDENCE ROAD
WAYNE, NE 68787

Medicare Hospital Provider Number: 280115

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	238	13	10 - 19	223	13	9 - 19
Cancer	1	100	2 - 97	0	-	-
Cerebrovascular Accidents	10	40	8 - 65	10	20	9 - 60
Gastrointestinal Catastrophes	0	-	-	1	0	1 - 97
Infectious Disease	2	0	1 - 90	0	-	-
Metabolic/Electrolyte Disorders	1	100	0 -100	2	0	0 - 97
Pulmonary Disease	31	23	14 - 45	33	21	12 - 42
Renal Failure	1	0	3 - 99	1	0	1 - 97
Severe Acute Heart Disease	8	63	18 - 77	15	40	21 - 68
Severe Chronic Heart Disease	23	17	12 - 45	16	25	5 - 50
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	22	5	0 - 63	17	0	0 - 74
Gynecologic Disease	1	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	25	0	1 - 21	19	5	0 - 69
Musculoskeletal/Skin Conditions	24	0	0 - 29	24	4	0 - 73
Neuropsychiatric/Sensory Disease	2	0	0 -100	2	50	0 -100
Urologic Disease	10	0	0 -100	12	0	0 - 88

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	31
Occupancy Rate (%):	45
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	20
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOSPITAL ID #280115

Providence Medical Center
1200 PROVIDENCE ROAD • WAYNE, NEBRASKA 68787

October 29, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

In reviewing the Medicare Hospital Mortality Information for our facility, I would like to further clarify the information presented.

First, I would like to point out that in reviewing the statistics presented, our records indicate that instead of one case in the categories of CA and metabolic/electrolyte disturbances, we should actually show 2 cases recorded, thus making our mortality at 50% in both of these categories and thus falling into the range for predicted mortality.

Therefore, in my review of the mortality information presented, our facility falls within the range for predicted mortality in all of the diagnostic categories.

If any further information is needed on this matter, feel free to contact me.

Sincerely,

Mary Ann Hackenmiller, RRA

Mary Ann Hackenmiller, RRA
Director, Medical Records

ROCK COUNTY HOSPITAL

PO BOX 100
BASSETT, NE 68714

Medicare Hospital Provider Number: 280098

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	81	16	9 - 26	91	16	11 - 27
Cancer	2	50	3 - 92	1	100	2 - 97
Cerebrovascular Accidents	7	43	4 - 71	5	40	4 - 77
Gastrointestinal Catastrophes	1	100	2 -100	1	0	0 - 97
Infectious Disease	0	-	-	1	100	1 - 97
Metabolic/Electrolyte Disorders	0	-	-	3	67	0 - 91
Pulmonary Disease	10	30	10 - 64	7	14	10 - 66
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	3	33	3 - 86	8	38	16 - 76
Severe Chronic Heart Disease	7	29	6 - 69	12	25	12 - 60
Severe Trauma	1	100	1 - 97	0	-	-
Gastrointestinal Disease	5	0	0 - 95	9	0	0 - 58
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	12	0	0 - 90	11	0	0 - 65
Musculoskeletal/Skin Conditions	2	0	0 -100	5	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	1	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	55
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SACRED HEART HOSP INC

626 N STREET
LOUP CITY, NE 68853

Medicare Hospital Provider Number: 280004

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	64	27	16 - 38	82	13	16 - 32
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	2	0	6 - 89
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 -100
Pulmonary Disease	14	21	17 - 60	23	17	22 - 56
Renal Failure	4	75	18 - 98	1	100	1 - 97
Severe Acute Heart Disease	5	40	12 - 82	3	33	8 - 88
Severe Chronic Heart Disease	12	33	7 - 59	9	22	13 - 67
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	50	0 -100	2	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	5	0	0 - 99	14	0	0 - 52
Musculoskeletal/Skin Conditions	0	-	-	7	14	0 - 78
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	26
Ownership/Control:	Church

STAFFING

Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SARGENT DIST HOSP

1201 WEST MAIN
SARGENT, NE 68874

Medicare Hospital Provider Number: 280109

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	124	10	7 - 19	92	16	8 - 24
Cancer	1	100	2 - 97	0	-	-
Cerebrovascular Accidents	2	100	3 - 88	3	33	6 - 87
Gastrointestinal Catastrophes	1	0	1 - 97	2	0	5 - 89
Infectious Disease	1	0	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	10	20	14 - 65	7	14	4 - 64
Renal Failure	0	-	-	1	100	2 -100
Severe Acute Heart Disease	3	67	9 - 90	5	80	16 - 83
Severe Chronic Heart Disease	10	10	8 - 53	5	60	4 - 77
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	8	0	0 - 96	6	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	24	0	0 - 25	20	5	0 - 69
Musculoskeletal/Skin Conditions	12	0	0 - 87	2	0	0 -100
Neuropsychiatric/Sensory Disease	6	0	0 - 91	0	-	-
Urologic Disease	4	0	0 -100	5	0	0 - 98

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	18
Occupancy Rate (%):	28
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SARGENT DISTRICT HOSPITAL
1201 W. 7th STREET
SARGENT, NEBRASKA 68874
(308) 527-3414

October 8, 1988

Mr. William L. Roper, M. D.
Department of Health and Human Services
Washington, D.C.
20201

Dear Mr. Roper;

We are in receipt of our Mortality information for the calendar year 1987.

We are well within the range for predicted mortality for all causes of death. You show two diagnostic categories, cancer and cerebrovascular accidents, which show a 100% mortality rate. In the cancer category, we had only one patient and he had battled cancer of the colon for several years before his demise. The two patients who died of cerebrovascular accident were 89 and 92 respectively and entered our hospital in extremely serious condition.

When one has only one or two patients in any category and they do not survive, the rate can only be 100%. However, we do not feel this rate should be significant when factors of age or severity of illness are considered and we feel appropriate notation should be made of these facts. We are certain other hospitals have brought this to your attention and we wish to voice the same concern.

Yours very truly,

SARGENT DISTRICT HOSPITAL

Administrator

amp

SAUNDERS CO COMM HOSP

805 W 10TH ST
WAHOO, NE 68066

Medicare Hospital Provider Number: 280037

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	133	17	10 - 24	165	15	11 - 22
Cancer	2	100	9 - 93	1	100	3 - 99
Cerebrovascular Accidents	12	17	10 - 55	10	50	7 - 65
Gastrointestinal Catastrophes	0	-	-	4	0	12 - 75
Infectious Disease	2	50	7 - 95	1	0	0 - 98
Metabolic/Electrolyte Disorders	1	0	0 -100	4	25	1 - 83
Pulmonary Disease	10	10	6 - 53	28	21	12 - 44
Renal Failure	0	-	-	2	100	9 - 94
Severe Acute Heart Disease	7	43	17 - 80	10	30	14 - 68
Severe Chronic Heart Disease	10	30	6 - 61	4	25	1 - 85
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	8	0	0 - 60	11	0	0 - 90
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	12	8	0 - 72	8	0	0 - 99
Musculoskeletal/Skin Conditions	7	14	0 -100	12	0	0 - 59
Neuropsychiatric/Sensory Disease	0	-	-	4	0	0 -100
Urologic Disease	10	0	0 - 98	12	0	0 - 72

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	30
Occupancy Rate (%):	33
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST ANTHONYS HOSP

2ND ADAMS ST
O NEILL, NE 68763

Medicare Hospital Provider Number: 280043

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	211	11	8 - 18	236	12	9 - 19
Cancer	2	100	7 - 90	3	100	20 - 94
Cerebrovascular Accidents	11	9	9 - 51	7	43	4 - 71
Gastrointestinal Catastrophes	1	100	2 - 97	1	0	0 - 99
Infectious Disease	2	50	4 - 93	3	0	6 - 80
Metabolic/Electrolyte Disorders	1	0	0 - 99	5	0	1 - 75
Pulmonary Disease	15	0	19 - 44	32	16	13 - 42
Renal Failure	0	-	-	1	100	3 - 98
Severe Acute Heart Disease	8	38	13 - 73	8	25	16 - 72
Severe Chronic Heart Disease	12	25	6 - 56	14	14	8 - 49
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	23	4	1 - 33	19	5	0 - 81
Gynecologic Disease	0	-	-	4	0	0 -100
Low-Risk Heart Disease	25	4	0 - 46	27	0	1 - 20
Musculoskeletal/Skin Conditions	19	0	0 - 64	21	5	0 - 43
Neuropsychiatric/Sensory Disease	10	0	0 -100	8	0	0 -100
Urologic Disease	6	17	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	44
Occupancy Rate (%):	34
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	15
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST ELIZABETH COMM HEALTH CTR

555 S 70TH ST
LINCOLN, NE 68510

Medicare Hospital Provider Number: 280020

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,264	11	8 - 13	1,425	11	8 - 13
Cancer	46	48	24 - 55	67	40	25 - 52
Cerebrovascular Accidents	43	19	15 - 40	43	21	17 - 42
Gastrointestinal Catastrophes	8	38	5 - 68	7	43	14 - 78
Infectious Disease	7	14	6 - 64	16	38	16 - 63
Metabolic/Electrolyte Disorders	12	17	11 - 58	6	33	2 - 75
Pulmonary Disease	45	18	15 - 39	48	19	17 - 42
Renal Failure	3	67	5 - 88	3	33	7 - 90
Severe Acute Heart Disease	38	50	27 - 59	41	41	26 - 56
Severe Chronic Heart Disease	33	30	12 - 44	40	25	11 - 39
Severe Trauma	9	22	6 - 63	3	0	2 - 80
Gastrointestinal Disease	115	3	1 - 10	131	1	1 - 6
Gynecologic Disease	27	0	0 -100	25	0	0 -100
Low-Risk Heart Disease	78	1	1 - 10	101	6	1 - 14
Musculoskeletal/Skin Conditions	184	2	1 - 7	188	2	1 - 7
Neuropsychiatric/Sensory Disease	69	3	0 - 17	112	0	0 - 6
Urologic Disease	47	2	0 - 49	63	5	0 - 45

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	218
Occupancy Rate (%):	51
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	207
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	0
Registered Nurses:	220
Licensed Practical Nurses:	38

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

StE Saint Elizabeth
Community Health Center

October 20, 1988

Ms. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

MEDICARE PROVIDER # 280020

Dear Ms. Kappert:

We have reviewed the Medicare Hospital Mortality information compiled by the Health Care Financing Administration for the number of cases within each diagnostic category, the number that expired, and the mortality rates.

There are a number of factual errors in the Hospital Characteristic Section of the report. As per the 1986 American Hospital Association survey, Saint Elizabeth Community Health Center is licensed for 208 beds, not 150. Occupancy, at that time, averaged 56 percent, not 52. 225 of our 294 physicians were certified in their specialty, not 54. We had 1.24 and .29 direct caregiving RN's and LPN's per bed, respectively, not 1.37 and .34. We do operate a combined ICU/CCU unit, and though we participate in the Nebraska Organ Retrieval Network, we do not perform organ transplants.

Thank you for the opportunity to correct these errors.

Sincerely,

Robert J Lanik

Robert J. Lanik
President

RJL/blt

ST FRANCIS MEDICAL CTR

2620 WEST FAIDLEY
GRAND ISLAND, NE 68801

Medicare Hospital Provider Number: 280023

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,613	10	9 - 13	1,039	12	8 - 14
Cancer	52	40	26 - 55	25	44	23 - 62
Cerebrovascular Accidents	56	13	20 - 39	41	51	16 - 47
Gastrointestinal Catastrophes	13	31	13 - 63	5	60	10 - 81
Infectious Disease	7	57	16 - 79	6	33	5 - 73
Metabolic/Electrolyte Disorders	8	13	6 - 61	12	17	4 - 54
Pulmonary Disease	68	25	17 - 40	52	29	19 - 45
Renal Failure	1	100	1 - 97	3	33	6 - 89
Severe Acute Heart Disease	85	32	29 - 51	40	52	26 - 57
Severe Chronic Heart Disease	62	21	12 - 34	38	24	14 - 42
Severe Trauma	3	0	2 - 80	2	0	5 - 89
Gastrointestinal Disease	148	3	1 - 9	94	3	1 - 12
Gynecologic Disease	17	0	0 - 91	18	0	0 -100
Low-Risk Heart Disease	136	4	1 - 9	93	2	1 - 10
Musculoskeletal/Skin Conditions	251	3	1 - 7	164	2	1 - 7
Neuropsychiatric/Sensory Disease	35	6	0 - 61	66	2	0 - 14
Urologic Disease	121	1	0 - 8	71	0	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 165
Occupancy Rate (%): (not available)
Ownership/Control: Church

STAFFING

Total Number of Physicians: 54
Percent of Physicians Who Are Board Certified Specialists: 78
Interns and Residents: 0
Registered Nurses: 162
Licensed Practical Nurses: 50

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

Provider Number 280023
Saint Francis Medical Center
Grand Island, Nebraska

SAINT FRANCIS MEDICAL CENTER
2620 West Faidley Avenue — P.O. Box 2118 — Grand Island, Nebraska 68802
Telephone (308) 384-4600

September 29, 1988

William L. Roper, M.D., Administrator
Department of Health and Human Services
Health Care Financing Administration
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

RE: Provider # 280023
Saint Francis Medical Center

Dear Doctor Roper:

We have reviewed the mortality information you sent to us regarding Medicare patients treated in our hospital in 1987, and the hospital characteristics you plan to publish. We have identified the following discrepancies in the hospital characteristics:

Staffing: 70% of our specialty physicians are Board Certified, and 82% of our total physicians are Board Certified. Your statistics show that only 56% of our physicians are Board Certified Specialists.

Specialty Services: Saint Francis Medical Center provides both a combined cardiac/intensive care unit of 12 beds, and hospice care services. We do not have inpatient beds designated for shock/trauma or burn unit as your report indicates, however we do have 24 hour a day physician coverage in the emergency room.

Beds: You show a bed count of 97 which is misleading. As of December 31, 1987, we have 139 acute care beds staffed and utilized, of these 97 are adult medical/surgical. We also have a 36 bed skilled nursing unit, and a 44 bed alcohol and drug treatment unit.

Renal Failure: In regard to the mortality rate shown for this category, we had one patient admitted. The patient had acute and chronic renal failure and multiple other medical complications. He did not respond to treatment, his condition appeared terminal, and the patient expired two days following admission. When only one patient is admitted in a given category, and that patient expires, the percentages as naturally skewed to reflect high percentages.

Thank you for allowing us to provide this information to be included in your publication of the mortality data.

Sincerely,

Cale E Neal

Cale E. Neal
President

CEN/erb

ST FRANCIS MEM HOSP

430 N MONITOR
WEST POINT, NE 68788

Medicare Hospital Provider Number: 280038

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	236	13	8 - 18	262	12	10 - 19
Cancer	8	63	19 - 78	9	44	14 - 73
Cerebrovascular Accidents	11	18	8 - 56	16	25	10 - 53
Gastrointestinal Catastrophes	2	50	3 - 92	4	25	4 - 80
Infectious Disease	3	0	3 - 79	4	50	5 - 82
Metabolic/Electrolyte Disorders	4	50	2 - 83	5	0	2 - 66
Pulmonary Disease	21	24	9 - 47	34	24	12 - 43
Renal Failure	1	0	0 - 99	1	100	0 - 99
Severe Acute Heart Disease	14	43	21 - 69	15	33	22 - 68
Severe Chronic Heart Disease	7	29	4 - 68	5	40	1 - 80
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	30	0	0 - 30	32	0	0 - 24
Gynecologic Disease	5	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	18	11	0 - 93	22	0	0 - 40
Musculoskeletal/Skin Conditions	15	7	0 - 99	18	0	0 - 92
Neuropsychiatric/Sensory Disease	5	0	0 -100	5	0	0 -100
Urologic Disease	19	0	0 - 91	11	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	18
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	15
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPH HOSP

601 N 30TH ST
OMAHA, NE 68108

Medicare Hospital Provider Number: 280030

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,728	12	10 - 14	2,629	13	11 - 15
Cancer	69	41	30 - 56	111	39	32 - 55
Cerebrovascular Accidents	89	25	18 - 38	90	21	18 - 37
Gastrointestinal Catastrophes	26	35	18 - 57	30	30	19 - 55
Infectious Disease	14	21	18 - 63	22	27	19 - 58
Metabolic/Electrolyte Disorders	57	21	13 - 41	47	23	11 - 41
Pulmonary Disease	121	23	18 - 37	115	25	17 - 37
Renal Failure	22	23	8 - 60	35	37	10 - 61
Severe Acute Heart Disease	155	30	28 - 45	149	35	29 - 47
Severe Chronic Heart Disease	147	19	16 - 31	122	18	17 - 32
Severe Trauma	8	25	3 - 67	13	46	10 - 64
Gastrointestinal Disease	131	3	1 - 9	122	2	1 - 9
Gynecologic Disease	18	0	0 -100	20	5	0 -100
Low-Risk Heart Disease	495	6	2 - 7	421	6	2 - 8
Musculoskeletal/Skin Conditions	176	3	1 - 8	201	1	1 - 6
Neuropsychiatric/Sensory Disease	104	1	1 - 8	106	2	0 - 10
Urologic Disease	110	0	0 - 6	101	1	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	288
Occupancy Rate (%):	76
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	277
Percent of Physicians Who Are Board Certified Specialists:	77
Interns and Residents:	0
Registered Nurses:	379
Licensed Practical Nurses:	20

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	Yes
Hospice Care:	No

AMI Saint Joseph Hospital
At Creighton University Medical Center

October 19, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

RE: Comments on the 1987 HCFA Mortality Data
Medicare # 280030

Dear Mr. Roper:

Thank you for the opportunity to comment on the 1987 HCFA Mortality Data. A number of discrepancies were identified in our hospital's characteristics section. The following information is correct:

Beds (#): 419
Occupancy Rate (%): 50%
Total Number of Physicians: 440
% Board Certified: 76%
Residents per bed: 0.27
Registered Nurses Per Bed: 0.87
Licensed Practical Nurses Per Bed: 0.075
Coronary Care Unit: Yes

AMI Saint Joseph Hospital is a tertiary, urban, referral center with a higher than average complexity of cases treated. As such, our actual mortality rates will always be higher than other hospitals that do not care for this high-risk population. Nevertheless, the Hospital's actual mortality, as determined by HCFA, falls within the range of predicted mortality rates in all of the diagnostic categories. In 94% of the categories, the rate is below the midpoint of the range.

In spite of our results, we urge you to caution the public not to utilize this data to make comparisons among hospitals or to judge the quality of patient care delivered within a health care facility. Many important factors affecting the probability of deaths are not included in the HCFA statistical analysis.

Until a more accurate methodology is utilized, we feel it is an injustice to consumers and health care providers to publish this data. We offer our services to help rectify this situation.

AMI Saint Joseph Hospital is dedicated to providing the highest quality health care. Our comprehensive quality assurance program monitors our performance on an ongoing basis.

Sincerely,

Matthew A Kurs

MATTHEW A. KURS
President and Chief Executive Officer

MAK/prd

ST MARYS HOSP

1314 THIRD AVE
NEBRASKA CITY, NE 68410

Medicare Hospital Provider Number: 280062

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	243	20	12 - 23	317	16	12 - 21
Cancer	2	0	3 - 88	2	0	8 - 91
Cerebrovascular Accidents	21	43	14 - 55	22	27	13 - 51
Gastrointestinal Catastrophes	1	0	1 - 97	0	-	-
Infectious Disease	4	50	5 - 82	6	33	14 - 80
Metabolic/Electrolyte Disorders	2	50	5 - 94	8	50	5 - 69
Pulmonary Disease	36	44	17 - 50	24	25	11 - 47
Renal Failure	2	100	11 - 96	4	75	17 - 95
Severe Acute Heart Disease	14	43	22 - 70	26	50	25 - 63
Severe Chronic Heart Disease	11	45	6 - 62	23	26	16 - 52
Severe Trauma	1	0	0 - 99	1	0	0 - 98
Gastrointestinal Disease	17	0	0 - 52	21	10	0 - 62
Gynecologic Disease	1	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	19	0	1 - 30	31	6	1 - 30
Musculoskeletal/Skin Conditions	13	0	0 - 84	22	0	0 - 36
Neuropsychiatric/Sensory Disease	2	0	0 -100	4	0	0 -100
Urologic Disease	16	0	0 - 96	19	0	0 - 68

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	31
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	19
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

THAYER CO MEM HOSP

120 PARK AVE
HEBRON, NE 68370

Medicare Hospital Provider Number: 280050

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	134	12	9 - 21	132	9	9 - 20
Cancer	2	50	4 - 93	2	50	5 - 93
Cerebrovascular Accidents	7	0	11 - 55	0	-	-
Gastrointestinal Catastrophes	1	100	1 - 97	2	50	4 - 93
Infectious Disease	1	100	0 - 99	5	20	5 - 74
Metabolic/Electrolyte Disorders	1	0	0 -100	3	0	0 - 92
Pulmonary Disease	17	12	12 - 47	16	31	11 - 56
Renal Failure	1	100	3 - 99	0	-	-
Severe Acute Heart Disease	6	33	11 - 77	7	0	24 - 69
Severe Chronic Heart Disease	7	14	4 - 63	3	33	2 - 87
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	17	0	0 - 44	18	0	0 - 54
Gynecologic Disease	5	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	11	9	0 - 69	11	0	0 - 75
Musculoskeletal/Skin Conditions	14	0	0 - 66	13	0	0 - 88
Neuropsychiatric/Sensory Disease	3	0	0 -100	4	0	0 -100
Urologic Disease	5	0	0 -100	10	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	18
Occupancy Rate (%):	28
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

TILDEN COMMUNITY HOSP

BOX 340
TILDEN, NE 68781

Medicare Hospital Provider Number: 280068

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	95	12	9 - 23	126	10	9 - 20
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	4	0	2 - 72	7	43	5 - 71
Gastrointestinal Catastrophes	0	-	-	1	0	1 - 97
Infectious Disease	0	-	-	1	0	2 - 98
Metabolic/Electrolyte Disorders	0	-	-	2	0	0 - 96
Pulmonary Disease	18	17	9 - 47	20	10	9 - 41
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	5	20	13 - 79	8	13	16 - 67
Severe Chronic Heart Disease	14	36	10 - 58	13	15	9 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	10	0	0 -100	4	0	0 - 99
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	15	7	0 - 73	22	0	0 - 35
Musculoskeletal/Skin Conditions	7	0	0 - 90	13	0	0 - 98
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	1	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	30
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	19
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

Tilden Community Hospital
2nd and Pine St., Box 340
Tilden, Nebraska 68781
TELEPHONE 402/368-5343

Medicare Provider #28-0068

October 21, 1988

Health Standards and Quality Bureau HCFA
ATTENTION: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert,

A review of data presented in the Medicare Hospital Mortality Information by Tilden Community Hospital reveals no apparent discrepancies in the information on which the calculations are based. The records appear to be accurate regarding patient admission to the facility.

Since Tilden Community Hospital statistics fall in the predicted range of the percent of patients who would have been expected to die, given adjustments for patient mix, no further comment is necessary.

Sincerely,

DeAnna Martensen

DeAnna Martensen
Administrator

DM/mh

TRI-CO AREA HOSP DIST

1209 ERIE PO BOX 980
LEXINGTON, NE 68850

Medicare Hospital Provider Number: 280117

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	323	15	10 - 19	346	12	10 - 17
Cancer	8	63	22 - 82	6	67	13 - 79
Cerebrovascular Accidents	11	36	8 - 62	9	22	11 - 65
Gastrointestinal Catastrophes	2	50	3 - 92	2	50	2 - 92
Infectious Disease	8	38	11 - 71	2	0	5 - 89
Metabolic/Electrolyte Disorders	4	50	2 - 83	2	0	1 - 90
Pulmonary Disease	33	30	15 - 47	32	22	19 - 50
Renal Failure	1	100	2 - 97	5	100	16 - 78
Severe Acute Heart Disease	11	45	13 - 67	7	57	19 - 82
Severe Chronic Heart Disease	26	19	10 - 42	14	21	8 - 53
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	24	0	0 - 32	29	3	0 - 29
Gynecologic Disease	2	0	0 -100	0	-	-
Low-Risk Heart Disease	22	9	0 - 57	32	0	1 - 18
Musculoskeletal/Skin Conditions	43	2	0 - 35	28	0	0 - 64
Neuropsychiatric/Sensory Disease	5	0	0 -100	8	0	0 - 90
Urologic Disease	21	5	0 - 82	25	4	0 - 50

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	40
Occupancy Rate (%):	38
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	20
Licensed Practical Nurses:	14

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

TCH
TRI-COUNTY HOSPITAL
WORKING TOGETHER FOR LIFE

TRI-COUNTY AREA HOSPITAL DISTRICT

13TH & ERIE
P.O. BOX 980
LEXINGTON, NE 68850

(308)
324-5651

October 20, 1988

Health Standards and Quality Bureau
HCFA
Attention: Mrs. Sandra Kappert
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Re: Comments from Tri-County Area Hospital District on the 1988 Mortality Data

Please be informed that the percent of Board certified positions on the Hospital Medical Staff is 100%, not 0%.

The Hospital also provides outpatient hospice care, which is indicated to the contrary on the mortality data summary sheet.

C. Hiner
KL

Calvin Hiner
Administrator

CAH/kl

UNIV OF NEBRASKA MEDICAL CENTER

42ND DEWEY AVE
OMAHA, NE 68105

Medicare Hospital Provider Number: 280013

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,034	11	11 - 16	925	12	11 - 17
Cancer	55	25	27 - 54	66	30	29 - 55
Cerebrovascular Accidents	26	27	11 - 46	21	43	10 - 51
Gastrointestinal Catastrophes	20	20	18 - 57	16	19	19 - 61
Infectious Disease	4	25	11 - 84	8	50	16 - 78
Metabolic/Electrolyte Disorders	15	33	13 - 61	20	20	15 - 54
Pulmonary Disease	57	18	15 - 38	57	21	16 - 40
Renal Failure	1	0	0 - 97	3	67	12 - 95
Severe Acute Heart Disease	36	44	25 - 57	29	38	24 - 60
Severe Chronic Heart Disease	38	26	12 - 41	26	15	11 - 41
Severe Trauma	2	0	2 - 89	5	40	4 - 78
Gastrointestinal Disease	43	7	0 - 35	62	0	2 - 9
Gynecologic Disease	2	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	119	8	1 - 14	74	8	1 - 19
Musculoskeletal/Skin Conditions	74	1	0 - 11	92	3	0 - 20
Neuropsychiatric/Sensory Disease	66	0	1 - 9	73	3	1 - 13
Urologic Disease	29	0	0 - 31	27	4	0 - 66

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	382
Ownership/Control:	State Government

STAFFING

Interns and Residents:	140
Registered Nurses:	50
Licensed Practical Nurses:	37

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	Yes
Hospice Care:	Yes

VALLEY CO HOSP

217 WESTRIDGE DR
ORD, NE 68862

Medicare Hospital Provider Number: 280104

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	137	15	8 - 21	159	16	9 - 21
Cancer	2	100	9 - 93	6	67	13 - 79
Cerebrovascular Accidents	5	40	5 - 77	8	50	6 - 69
Gastrointestinal Catastrophes	2	0	4 - 89	0	-	-
Infectious Disease	1	100	2 - 97	0	-	-
Metabolic/Electrolyte Disorders	2	50	0 - 94	2	0	0 - 99
Pulmonary Disease	16	25	13 - 56	19	5	15 - 43
Renal Failure	1	100	2 - 97	1	100	1 -100
Severe Acute Heart Disease	12	25	15 - 63	9	33	13 - 70
Severe Chronic Heart Disease	7	57	4 - 71	9	22	6 - 61
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	21	0	0 - 46	22	9	0 - 88
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	11	0	0 - 92	18	11	0 - 87
Musculoskeletal/Skin Conditions	11	0	0 - 99	5	0	0 -100
Neuropsychiatric/Sensory Disease	6	0	0 -100	6	0	0 -100
Urologic Disease	5	0	0 -100	6	33	0 - 96

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	99
Occupancy Rate (%):	76
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WAKEFIELD HEALTH CARE CTR

306 ASH ST
WAKEFIELD, NE 68784

Medicare Hospital Provider Number: 280071

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	65	20	7 - 27	57	14	7 - 27
Cancer	2	100	7 - 91	1	100	2 - 97
Cerebrovascular Accidents	7	29	3 - 69	2	0	4 - 88
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 -100
Pulmonary Disease	5	20	4 - 74	5	20	6 - 74
Renal Failure	1	100	3 - 98	2	50	3 - 93
Severe Acute Heart Disease	3	67	9 - 90	4	25	6 - 80
Severe Chronic Heart Disease	5	40	5 - 77	3	67	3 - 86
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	2	0	0 -100	2	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	4	25	0 -100	8	13	0 -100
Musculoskeletal/Skin Conditions	9	0	0 -100	5	0	0 -100
Neuropsychiatric/Sensory Disease	1	100	0 -100	2	0	0 -100
Urologic Disease	1	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	87
Occupancy Rate (%):	76
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WARREN MEMORIAL HOSP

905 2ND ST
FRIEND, NE 68359

Medicare Hospital Provider Number: 280079

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	98	14	7 - 22	132	13	7 - 20
Cancer	2	100	7 - 91	1	100	3 - 99
Cerebrovascular Accidents	3	33	5 - 86	5	60	4 - 77
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	4	50	4 - 82	4	25	7 - 81
Metabolic/Electrolyte Disorders	4	25	1 - 85	3	0	1 - 83
Pulmonary Disease	7	14	6 - 64	17	24	9 - 51
Renal Failure	1	0	2 - 97	1	100	1 - 97
Severe Acute Heart Disease	3	33	11 - 92	5	60	11 - 81
Severe Chronic Heart Disease	5	40	2 - 78	4	0	1 - 74
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	13	0	0 - 83	13	0	0 - 78
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	10	0	0 - 93	8	0	0 - 90
Musculoskeletal/Skin Conditions	4	0	0 -100	18	0	0 - 80
Neuropsychiatric/Sensory Disease	6	0	0 -100	9	0	0 - 92
Urologic Disease	6	17	0 - 98	6	0	0 - 94

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	73
Occupancy Rate (%):	84
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WEBSTER CO COMM HOSP

6TH FRANKLIN ST
RED CLOUD, NE 68970

Medicare Hospital Provider Number: 280014

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	76	12	12 - 27	82	21	13 - 31
Cancer	0	-	-	3	67	12 - 93
Cerebrovascular Accidents	5	0	8 - 64	11	18	13 - 60
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	2	50	1 - 92	1	0	0 - 97
Metabolic/Electrolyte Disorders	2	0	1 - 89	2	0	0 - 95
Pulmonary Disease	17	24	19 - 60	14	36	14 - 62
Renal Failure	0	-	-	1	0	2 - 98
Severe Acute Heart Disease	3	33	9 - 89	6	67	11 - 77
Severe Chronic Heart Disease	1	100	0 - 99	3	33	1 - 89
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	7	0	0 - 97	8	25	0 - 97
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	4	0	0 -100	3	0	0 -100
Musculoskeletal/Skin Conditions	10	10	0 - 94	12	0	0 - 63
Neuropsychiatric/Sensory Disease	1	0	0 -100	1	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	45
Occupancy Rate (%):	(not available)
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

WEST HOLT MEM HOSP

PEARL ST
ATKINSON, NE 68713

Medicare Hospital Provider Number: 280092

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	113	12	7 - 20	138	20	6 - 20
Cancer	3	67	13 - 95	2	50	3 - 92
Cerebrovascular Accidents	4	25	2 - 81	4	50	2 - 82
Gastrointestinal Catastrophes	1	100	1 -100	1	0	0 - 98
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	50	3 - 92	0	-	-
Pulmonary Disease	9	0	10 - 48	10	40	8 - 65
Renal Failure	1	100	2 - 97	1	100	3 - 99
Severe Acute Heart Disease	4	25	4 - 80	8	25	10 - 67
Severe Chronic Heart Disease	3	33	3 - 86	8	50	11 - 71
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	11	18	0 - 99	16	38	0 - 92
Gynecologic Disease	0	-	-	6	0	0 -100
Low-Risk Heart Disease	7	0	0 - 99	11	9	0 - 98
Musculoskeletal/Skin Conditions	9	0	0 - 97	22	5	0 -100
Neuropsychiatric/Sensory Disease	7	0	0 -100	5	0	0 -100
Urologic Disease	15	0	0 -100	7	29	0 - 94

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	18
Occupancy Rate (%):	33
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	13
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WEST NEBRASKA GEN HOSP NORTH UNIT

4021 AVE B
SCOTTSBLUFF, NE 69361

Medicare Hospital Provider Number: 280061

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,718	9	8 - 12	1,910	11	8 - 13
Cancer	58	31	25 - 52	74	39	30 - 56
Cerebrovascular Accidents	50	20	17 - 41	59	29	16 - 40
Gastrointestinal Catastrophes	16	19	16 - 58	21	33	18 - 61
Infectious Disease	9	22	10 - 64	3	33	2 - 87
Metabolic/Electrolyte Disorders	10	20	7 - 60	12	33	5 - 60
Pulmonary Disease	73	21	15 - 37	57	25	14 - 39
Renal Failure	12	25	18 - 76	1	0	0 -100
Severe Acute Heart Disease	72	22	26 - 48	72	25	28 - 50
Severe Chronic Heart Disease	53	17	12 - 34	59	20	15 - 37
Severe Trauma	3	33	1 - 88	8	50	7 - 71
Gastrointestinal Disease	201	4	1 - 9	206	5	1 - 9
Gynecologic Disease	32	3	0 -100	28	0	0 -100
Low-Risk Heart Disease	166	5	1 - 9	216	4	1 - 8
Musculoskeletal/Skin Conditions	178	3	1 - 8	206	2	1 - 7
Neuropsychiatric/Sensory Disease	49	2	0 - 24	62	2	0 - 20
Urologic Disease	94	2	0 - 19	115	1	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	246
Occupancy Rate (%):	57
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	74
Percent of Physicians Who Are Board Certified Specialists:	77
Interns and Residents:	0
Registered Nurses:	143
Licensed Practical Nurses:	80

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

YORK GEN HOSP

2222 LINCOLN AVE
YORK, NE 68467

Medicare Hospital Provider Number: 280039

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	375	14	9 - 17	382	14	11 - 19
Cancer	6	67	18 - 84	7	57	15 - 78
Cerebrovascular Accidents	17	29	12 - 55	12	8	12 - 51
Gastrointestinal Catastrophes	2	100	6 - 90	2	50	7 - 96
Infectious Disease	6	0	13 - 63	8	38	17 - 77
Metabolic/Electrolyte Disorders	5	20	4 - 74	1	0	0 -100
Pulmonary Disease	30	13	10 - 38	36	19	12 - 40
Renal Failure	1	0	3 - 98	1	100	3 -100
Severe Acute Heart Disease	13	31	19 - 67	19	74	29 - 68
Severe Chronic Heart Disease	30	50	12 - 48	32	25	13 - 43
Severe Trauma	1	0	0 - 98	1	0	0 - 98
Gastrointestinal Disease	36	3	0 - 35	26	4	1 - 26
Gynecologic Disease	8	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	27	7	0 - 43	34	3	0 - 29
Musculoskeletal/Skin Conditions	43	0	0 - 19	41	2	0 - 28
Neuropsychiatric/Sensory Disease	10	0	0 -100	7	0	0 - 89
Urologic Disease	18	0	0 - 69	9	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	70
Occupancy Rate (%):	27
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	0
Registered Nurses:	25
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Technical Appendix

TECHNICAL APPENDIX

METHODOLOGY

The Data Base

The data that are analyzed in this report are drawn from the MEDPAR file, which is assembled and updated quarterly by the Bureau of Data Management and Strategy in HCFA. This file is constructed from information on hospitalizations submitted to HCFA by hospitals through fiscal intermediaries. Data obtained from the Social Security Administration also contribute to the file. The data include the age, sex and date of death of each Medicare beneficiary. Because each beneficiary is assigned a unique health insurance claim number, it is possible to link hospitalizations longitudinally. Prior hospitalizations and readmissions can be found, as well as the date of death, whenever and wherever it occurred.

The hospitalizations in this file are segregated by the year of discharge. The data used in these analyses were drawn from the 1985, 1986 and 1987 discharges. The update cycles used for these years were 12/31/87, 6/10/88 and 6/10/88, respectively.

The process of data management consisted of selecting discharges from acute-care hospitals, calculating analytical variables that required data from prior hospitalizations and selecting the last discharge for each beneficiary for 1986 and 1987. The following rules were used to select discharges from acute-care hospitals:

1) Include only discharges from short-term (general and specialty) hospitals. These hospitals have a 0 in the third position of their "provider number."

2) Exclude discharges from psychiatric units, rehabilitation units, swing-beds and alcohol/drug units. These records have "provider codes" of S, T, U and V, respectively.

3) Exclude discharges from special cost centers. These are designated by a 9 in the fourth position of the "provider number."

4) Exclude discharges where the date of death precedes the date of admission, because these are obvious data errors.

Variables dependent on data from prior hospitalizations were calculated as follows:

1) For each beneficiary, sort the discharges in descending order by "discharge date" and "admission date" and stack the discharges for the current and prior years.

2) For the last discharge in the current year, determine whether the beneficiary at admission was transfered from another hospital. Operationally, the "discharge destination" for the prior discharge must be coded as a discharge to a short-term hospital, and the "discharge date" for the prior discharge must be no more than one day prior to the "admission date" for the last discharge.

3) For each discharge, use the principal diagnosis (the first "diagnostic code") to determine the diagnostic category as defined in Table 2 of the Introduction. Diagnoses that are not listed in this table are placed in a residual category of intermediate risk.

4) For the last discharge of the current year, count the number of admissions by diagnostic category that occurred within the 182 days prior to the admission date for this discharge.

Subsequently, the last discharges for 1986 and 1987 were selected and segregated by diagnostic categories into separate files for analysis. Only hospitals that had discharges in 1987 were considered for publication. Canadian and emergency hospitals were excluded. Six other hospitals were excluded because they terminated operations prior to 1987 or because their "provider number" was invalid.

Mortality Rates

In this project, the definition of mortality used to calculate mortality rates was death within 30 days of admission. The choice of a fixed period of 30 days after admission avoids biases that might occur if in-hospital deaths only were counted. Sufficient followup is available to permit complete estimation of mortality rates based upon this choice. Choosing a specific discharge avoids multiple counts of the same death. The last discharge for the year is biased to higher short-term risk.

Diagnostic Categories

Lists of the ICD-9-CM codes included in each diagnostic category are found in Table 2 of the Introduction to this report. The lists were constructed to represent diagnostic categories that are medically coherent and rather homogeneous with respect to risk of death.

Grouping was performed by combining clinically related diagnostic clusters when associated mortality rates were similar to one another. For each primary diagnosis, these rates were calculated from the 5% random sample of Medicare discharges for 1985 and 1986. For instance, Klebsiella pneumonia (482.0, 1385 patients, observed mortality = 24.3%) and Pseudomonas pneumonia (482.1, 1416 patients, observed mortality = 25.2%) were combined in the Pulmonary Disease category, as were subarachnoid hemorrhage (430, 525 patients, observed mortality = 47.8%) and intracerebral hemorrhage (431, 2883 patients, observed mortality = 42.9%), in the Cerebrovascular Accidents category.

These aggregations are generally analogous to the categories used in the 1987 analysis, but are more risk-homogeneous. In some cases, risk categories were expanded to incorporate a broader range of related conditions associated with similar risks of subsequent mortality, such as expanding ophthalmology to include psychiatric and other sensory system disorders or expanding low risk orthopedic conditions to include low risk dermatologic and muscular disorders.

In other instances, conditions were transferred to new categories based on empirical evidence that associated mortality rates were higher or lower than previously anticipated. For example, cancer of the salivary gland, gums, mouth, and oropharynx (142-146, observed mortality = 8.8%) was moved from high risk cancer to the intermediate risk category (average mortality = 8.5%), paroxysmal ventricular tachycardia (427.1, observed mortality 8.9%) was moved from the severe acute heart disease to the intermediate risk category, acute and chronic gastric ulcers with perforation, with and without hemorrhage (531.1, 531.2, 531.5, 531.6, observed mortality = 21.8%) was moved from low risk GI disease to GI catastrophe, pneumonia due to H. influenzae (482.2, observed mortality = 8.6%) was moved from high risk pulmonary to the intermediate risk category, fracture of the femur (820, 821, observed mortality = 6.1%) was moved from high risk trauma to the intermediate risk category, and chronic glomerulonephritis and other nephritis and nephropathy (582, 583, observed mortality 2.2%) was moved from high risk renal to low risk urologic disease. The new categories were reviewed for clinical and coding consistency and face validity, and final adjustments were made. Final adjustments included combining myocardial infarctions in a single risk group since coding variations among institutions made separation into different categories problematic, and removing italicized ICD-9-CM diagnoses from named risk groups since they are not valid principal diagnoses.

Demographic Variables

As in 1987, age and sex variables were used to characterize each patient. The sex variable is an indicator variable, as shown in Table 1. The patient's age was expressed in the 1987 Mortality Release by indicator variables in six categories, 65, 65-69, 70-74, 75-79, 80-84, and 85. For the 1988 Mortality Release, the age relative to 65 years and the square of this variable, as shown in Table 1, replaced the categorical age variables.

Comorbidity Variables

As in 1987, the secondary diagnoses (0-4 in number, "diagnostic codes" 2-5) were used to construct variables indicating the presence of comorbidities. The eight comorbidity indicator variables used in the analyses are: diabetes (DI), chronic pulmonary disease (OP), cancer (CA), chronic liver disease (LV), chronic renal disease (RN), cerebral vascular degeneration or chronic psychosis (CE), hypertensive disease (HY) and chronic cardiovascular disease (CV). The ICD-9-CM codes defining these variables are the same as were used in 1987 and are listed in Table 3 of the Introduction.

Prior History Variables

In the 1987 Mortality Release, the number of prior admissions was not based on a fixed interval of time prior to the admission date for the last discharge of the year, but included only prior admissions with discharges in the same calendar year (1986). Also all admissions were counted without any distinction among the risks associated with various prior admissions. In the 1988 Mortality Release, prior admissions are counted for a fixed interval of six months prior to the admission date for the last discharge of the year, and separate counts of prior admissions are made for three risk levels. They are admissions with high, low and intermediate risk. In Table 2 of the Introduction, diagnostic categories are defined as high risk or low risk. The intermediate risk category is composed of ICD-9-CM codes not listed in that table. Indicator variables are defined for the high risk category, as shown in Table 1, as PH1 if there was one prior high risk admission, PH2 if there were two and PH3M if there were three or more. Similar variables are defined for low risk (PL1, PL2, PL3M) and intermediate risk (PU1, PU2, PU3M) admissions. The indicator variable TRIN records whether or not the patient was transfered into the hospital from another acute-care hospital.

Analytic Techniques

The principal analytic tool was logistic regression (see, for example, Cox (1970)). Because the diagnostic categories are mutually exclusive, the analyses to ascertain the influence of patient characteristics (demographics, comorbidities and prior histories) were carried out separately for each category.

The probability π that a patient dies within 30 days of admission depends on the patient's characteristics x_i. Table 1 lists the covariates used in the logistic model for this year's analysis. Generally the same variables were used across all diagnostic categories. There are some exceptions. For example, the variable sex is not included as a covariate in the analyses for the diagnostic category gynecologic disease. In all other cases, the model is the same, with the occasional omission of one or more variables because of estimation difficulties (See Tables 2 and 3).

The dependence of π on these variables is specified by a logistic model:

$$\log\ (\pi/(1-\pi)) = \Sigma_i \beta_i x_i.$$

The regression coefficients β_i are estimated by the method of maximum likelihood. It is possible then to estimate the probability of dying for a patient from his or her characteristics x_i. By averaging over all the patients for whom treatment in a given hospital is being evaluated, the estimated mortality rate for that hospital is found. This analysis is carried out for each individual diagnostic category (the 16 explicitly defined categories as well as the residual category). The coefficients for each diagnostic category are shown in Table 2 for the 1987 data and in Table 3 for the 1986 data. Blank spaces in these tables mean that the corresponding variables were not used in the model. This is the same as fixing the parameter estimates for the unused variables at zero. Calculations were performed using the SAS procedure LOGIST as described by the SAS Institute (1986).

In addition to the estimates of regression coefficients for the logistic regression model, Tables 2 and 3 also display the model chi-square, based on the likelihood ratio, the number of cases and the number of deaths, for each of the diagnostic categories. The model chi-square has 22 degrees of freedom in most cases. The exceptions occur when one or more variables are removed from the model. In these cases, the degrees of freedom are reduced by one for each variable removed from the model. In all cases, the model chi-square is highly significant ($P < 0.001$). Note that the coefficients from 1987 and 1986 data are generally similar, as can be seen clearly in Table 4. The major differences occur in low risk categories or when there are only a few cases associated with the variable. In these situations, the parameter estimates are less stable. For example, there are relatively few cases associated with the variables for three or more prior admissions within six months. The regression coefficients in Tables 2 and 3 were used to estimate the probability of death within 30 days of the last admission in 1987 or 1986 for a 1987 "average case" for each of the diagnostic categories, as shown in Table 4. The "average case" is a hypothetical "patient" whose characteristics correspond to average values of each variable within a diagnostic category. The mortality rate for this 1987 "average case" using the 1986 and 1987 coefficients is displayed in Table 4 along with the average observed mortality rate. Note the similarity of the data for 1986 and 1987. Note also that the average observed and the average predicted mortality rates must be equal, but that the predicted mortality rate for the "average case" differs from them somewhat because of the inverse logit transformation that is needed to convert the sum of the products of the average values of the variables and the regression coefficients to a probability of dying. Since there is no way to know that a given admission will result in the last discharge of the year, these equations generally should not be used for predicting the outcome for individual cases.

The second quantity required of the analyses was an estimate of the uncertainty in the mortality rate expressed as a range of predicted rates encompassing a specified proportion (95%) of the probable values. For this it is necessary to compute the variance of the probability of death at a given hospital.

There are two components of variance included in our calculation of the range of mortality for a hospital. The first is the sampling variance, which is estimated by:

$SV_j = B_j(1-B_j) / N_j$,

where

$B_j = (N_j p_j + 1) / (N_j + 2)$,

and p_j is the observed proportion of persons who had died among the N_j persons at risk, within a specified diagnostic category (or overall). B_j is a Bayesian estimate of the probability of dying. The second component arises from the systematic differences among hospitals in the identified factors included in the logistic model. This contribution to the variance is estimated by:

$IHV_j = (1-(1/N_j))\ V$

where V, the inter-hospital variance, is

$V = \Sigma_j\ (P_j - \bar{P})^2\ (N_j / N_t)$.

P_j is the predicted mortality rate and N_j is the number of cases at risk at hospital j. $N_t = \Sigma_j N_j$ is the total number of cases at risk and $\bar{P} = (\Sigma_j N_j P_j) / N_t$ is the average mortality rate, in the category under consideration. To see how this formula arises, consider the basic identity (Kendall, Stuart and Ord, 1983, p.212):

$Var(x) = E_\theta \{Var_{x|\theta}(x)\} + Var_\theta \{E_{x|\theta}(x)\}$.

When this formula is applied to a binomial random variable x, the result is

$Var(x) = n\ E_\theta \{\theta\}(1-E_\theta\{\theta\}) + n(n-1)\ Var_\theta\{\theta\}$

as given by Mosimann (1962, equation 36). From this it follows that

$$\mathrm{Var}(x/n) = \mathrm{Var}(x) / n^2 = (E_\theta\{\theta\}(1-E_\theta\{\theta\})) / n + (1-(1/n)) \mathrm{Var}\{\theta\}$$

where $V\{\theta\} = V$, the constant inter-hospital variance. Values of V for each diagnostic category are in Table 4.

The ranges of predicted mortality rates given in this publication encompass 95% of the probable values on a logit scale, which ensures that the range neither goes below zero nor above 100%. On the logit scale, the range of predicted values P is given by:

$$R_j = \log(P_j/(1-P_j)) \pm 1.96(\sqrt{SV_j + IHV_j}) / (P_j(1-P_j)).$$

Retransformed to the probability scale, the upper end of the range is:

$$\exp(R_+) / (1 + \exp(R_+))$$

and the lower end is:

$$\exp(R_-) / (1 + \exp(R_-))$$

where R_+ is the value of R taken with the + sign and R_- is the value of R taken with the - sign.

The tabulation of the numbers of cases at risk (i. e., the number of patients whose last discharge in 1987 was from the given hospital), of the percentage of these persons who died within 30 days of the date of admission for that hospitalization, and of the range of predicted mortality rates encompassing 95% of the probable values on the logit scale forms the core of the present publication. A similar display is also included for the 1986 data.

An implication that bears importantly on year-to-year stability of rankings is that there remain important sources of variability in outcomes associated with variations in patient characteristics (such as severity of illness) and other factors that have not been taken into account in the models used in the present analyses.

References

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Maurice Kendall, Alan Stuart and J. Keith Ord (1983) The Advanced Theory of Statistics, Vol. 3, 4th Ed., New York: Macmillan.

James E. Mosimann (1962) "On the compound multinomial distribution, the multivariate β-distribution, and correlations among proportions," Biometrika, 49, 65-82.

SAS Institute Inc. (1986) SUGI Supplemental Library User's Guide, Version 5 Edition, Cary, NC: SAS Institute, Inc.

TABLE 1

Covariates used in the logistic models for the 1988 Hospital Mortality Release. Generally the same variables are used for all diagnostic categories. The two-letter codes for comorbidities are defined in terms of ICD-9-CM codes in Table 3 of the Introduction to this report.

Intercept	Constant added into the logistic model in all cases.

Demographics

RAG	Age of patient in years divided by 65.
RAGSQ	RAG squared.
SEX	An indicator variable: Male 0 and Female 1.

Comorbidities (Indicator variables)

DI	1 if patient has diabetes, 0 if not.
OP	1 if chronic pulmonary disease, 0 if not.
CA	1 if cancer, 0 if not.
LV	1 if chronic liver disease, 0 if not.
RN	1 if chronic renal disease, 0 if not.
CE	1 if cerebrovascular degeneration or chronic psychosis, 0 if not.
HY	1 if hypertensive disease, 0 if not.
CV	1 if chronic cardiovascular disease, 0 if not.

Prior Histories (Indicator variables)

PH1	1 if patient has had 1 recent high-risk admission, 0 if not.
PH2	1 if patient has had 2 recent high-risk admissions, 0 if not.
PH3M	1 if patient has had 3 recent high-risk admissions, 0 if not.
PL1	1 if patient has had 1 recent low-risk admission, 0 if not.
PL2	1 if patient has had 2 recent low-risk admissions, 0 if not.
PL3M	1 if patient has had 3 recent low-risk admissions, 0 if not.
PU1	1 if patient has had 1 recent medium-risk admission, 0 if not.
PU2	1 if patient has had 2 recent medium-risk admissions, 0 if not.
PU3M	1 if patient has had 3 recent medium-risk admissions, 0 if not.
TRIN	1 if patient was transfered into the hospital, 0 if not.

Recent means within six months (182 days) before the admission date on the last discharge.

Table 2

1987
Parameter Estimates

Conditions:

CA - Cancer
CE - Cerebrovascular accidents
EY - Neuropsychiatric and sensory disease
GC - Gastrintestinal catastrophes
GI - Gastrointestinal disease
GU - Urologic disease
GY - Gynecologic disease
HL - Low-risk heart disease
HM - Severe chronic heart disease
HS - Severe acute heart disease
ME - Metabolic/electrolyte disturbances
OP - Muskuloskeletal and cutaneous conditions
PN - Pulmonary disease
RN - Renal failure
SE - Infectious disease
TR - Severe trauma
UN - All other conditions

Table 2.1

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL
APPLIED TO THE LAST DISCHARGES FOR 1987

CONDITIONS	CA		CE		EY		GC		GI		GU	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
INTERCEPT	-0.9591	0.1846	1.1997	0.2163	-5.2813	0.2800	-2.3087	0.2017	-3.5635	0.2663	-4.7226	0.4824
RAG	-1.6335	0.3285	-6.6151	0.3659	-1.5611	0.5229	-0.4696	0.3734	-5.5355	0.4572	-5.5282	0.8185
RAGSQ	1.3503	0.1465	3.7120	0.1544	2.2297	0.2447	1.2330	0.1746	4.2574	0.1972	4.4686	0.3499
SEX	-0.2402	0.0094	-0.0476	0.0099	-0.5750	0.0287	-0.1175	0.0199	-0.1243	0.0185	0.5935	0.0350
DI	-0.1024	0.0258	0.1020	0.0165	0.1759	0.0587	-0.1638	0.0415	0.2683	0.0400	0.4540	0.0636
OP	-0.0561	0.0141	0.1279	0.0185	0.3559	0.0436	0.0051	0.0359	0.2458	0.0285	0.1487	0.0535
CA	0.5768	0.0093	0.8097	0.0252	1.9331	0.0441	1.0668	0.0340	1.6400	0.0301	1.4296	0.0452
LV	1.3567	0.0417	0.9674	0.0741	0.8902	0.1032	0.9094	0.0259	1.3731	0.0523	1.4221	0.1900
RN	1.0472	0.0364	0.8796	0.0314	1.6159	0.0678	0.6804	0.0411	1.4903	0.0431	1.4730	0.0594
CE	-0.0632	0.0394	-0.6277	0.0291	0.2072	0.0601	-0.5066	0.0825	0.0970	0.0636	0.5856	0.0843
HY	-0.3680	0.0492	-0.0778	0.0226	-0.0419	0.1010	-0.3043	0.0760	-0.1481	0.0642	-0.0122	0.1146
CV	0.3520	0.0118	0.3532	0.0097	0.6803	0.0304	0.5708	0.0221	0.7706	0.0186	0.9333	0.0323
PH1	0.9049	0.0111	0.4668	0.0149	1.0171	0.0409	0.4431	0.0263	1.0073	0.0263	1.1523	0.0425
PH2	1.3110	0.0199	0.8399	0.0344	1.6964	0.0753	0.5912	0.0461	1.4578	0.0538	1.5987	0.0906
PH3M	1.5586	0.0339	1.2198	0.0752	1.9332	0.1458	0.5752	0.0666	1.8720	0.1031		
PU1	0.4216	0.0129	0.3815	0.0163	0.5417	0.0398	0.2922	0.0263	0.5258	0.0251	0.6359	0.0416
PU2	0.6721	0.0242	0.6588	0.0401	0.9497	0.0767	0.4900	0.0517	0.9993	0.0487	1.0869	0.0809
PU3M	0.8003	0.0291	0.7082	0.0782	1.4732	0.1082	0.5197	0.0815	1.0673	0.0858	1.5890	0.1328
TRIN	-0.2626	0.0293	-0.0471	0.0357	0.5169	0.1053	0.3129	0.0627	0.6705	0.0692	0.6464	0.1219
PL1	0.1573	0.0162	0.1208	0.0159	0.1455	0.0378	0.1427	0.0301	0.2183	0.0250	0.1653	0.0433
PL2	0.1772	0.0437	0.1758	0.0411	0.1414	0.0801	0.1743	0.0731	0.3797	0.0533	0.4906	0.0895
PL3M	0.1269	0.1044	0.3631	0.0888	0.0705	0.1537	0.1452	0.1591	0.2971	0.1094	0.8340	0.1643
TOTAL NUM.	216,565		240,896		245,185		52,907		451,765		277,784	
DEATHS	89,692		63,407		5,633		18,329		13,776		4,634	
MODEL CHI-SQ.	23,809		11,842		7,524		5,215		16,232		7,689	

Table 2.2

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL
APPLIED TO THE LAST DISCHARGES FOR 1987

CONDITIONS	GY		HL		HM		HS		ME		OP	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST SE	EST	SE	
INTERCEPT	-9.1786	0.3010	-3.1645	0.2327	-1.9582	0.1666	-0.3864	0.1743	-3.2048	0.2537	-3.3135	0.2154
RAG			-4.6780	0.4036	-1.7762	0.2847	-3.4967	0.3051	0.2668	0.4302	-5.8135	0.3778
RAGSQ	2.3124	0.2106	3.3811	0.1750	1.7348	0.1215	2.6778	0.1335	0.8351	0.1827	4.2440	0.1665
SEX			-0.2982	0.0129	-0.2375	0.0092	-0.0383	0.0088	-0.4303	0.0160	-0.4685	0.0192
DI	0.9843	0.2244	0.2989	0.0241	-0.0471	0.0155	0.1744	0.0155	-0.0804	0.0329	0.3664	0.0349
OP	0.1323	0.2781	0.2005	0.0200	0.0032	0.0117	-0.1526	0.0142	0.0243	0.0273	0.4635	0.0297
CA	2.1844	0.1861	1.5089	0.0244	0.8028	0.0211	0.5563	0.0256	1.6174	0.0200	1.8846	0.0285
LV	1.8871	0.5508	1.2272	0.0787	0.7108	0.0435	1.0323	0.0751	0.8660	0.0693	1.5729	0.0798
RN	2.2304	0.3106	1.1843	0.0297	0.7261	0.0159	0.8167	0.0253	0.6416	0.0304	1.6414	0.0448
CE	0.3470	0.4731	0.0348	0.0444	-0.0814	0.0318	-0.5037	0.0376	-0.2641	0.0316	0.2949	0.0490
HY	0.3073	0.3791	-0.1699	0.0362	-0.3986	0.0280	-0.2861	0.0250	-0.2003	0.0612	0.0462	0.0641
CV	1.3402	0.1349	0.5437	0.0133	0.0804	0.0092	0.2520	0.0093	0.6250	0.0174	0.9847	0.0193
PH1	1.6812	0.1924	0.8796	0.0162	0.6334	0.0106	0.4255	0.0132	0.5445	0.0190	1.0584	0.0288
PH2	2.9031	0.4044	1.4401	0.0306	0.9506	0.0165	0.8011	0.0285	0.7757	0.0346	1.4467	0.0623
PH3M			2.0347	0.0535	1.1726	0.0231	1.1723	0.0571	1.0184	0.0616	2.1872	0.1133
PU1	0.9758	0.1835	0.4561	0.0188	0.3210	0.0128	0.3565	0.0153	0.3166	0.0200	0.4935	0.0279
PU2	1.1076	0.4287	0.8606	0.0392	0.5318	0.0270	0.6332	0.0372	0.4251	0.0382	0.9696	0.0545
PU3M	1.5589	0.6383	1.1950	0.0658	0.6545	0.0489	0.9770	0.0669	0.6245	0.0574	1.4334	0.0845
TRIN	1.3584	0.8502	0.6728	0.0247	0.4610	0.0362	-0.4480	0.0235	0.3256	0.1310	0.8660	0.0862
PL1	-0.3050	0.2295	0.1905	0.0159	0.1086	0.0133	0.1103	0.0139	0.0448	0.0232	0.0407	0.0270
PL2	0.6264	0.4710	0.2546	0.0299	0.1217	0.0300	0.1501	0.0323	0.0580	0.0568	0.0861	0.0616
PL3M			0.4261	0.0480	0.2047	0.0572	0.3722	0.0619	-0.1159	0.1335	-0.0071	0.1383
TOTAL NUM.	61,870		818,849		311,444		246,665		105,282		585,696	
DEATHS	273		27,786		70,762		94,172		26,485		13,186	
MODEL CHI-SQ	667		21,104		19,097		14,457		14,966		18,616	

Table 2.3

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL APPLIED TO THE LAST DISCHARGES FOR 1987

CONDITIONS	PN		RN		SE		TR		UN	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
INTERCEPT	-2.6009	0.1260	-4.7164	0.2568	-2.2654	0.1841	-1.4983	0.4342	-3.5263	0.0652
RAG	-1.1518	0.2161	2.4880	0.4744	-0.2282	0.3274	-1.3583	0.7978	-2.4574	0.1146
RAGSQ	1.7081	0.0927	0.5723	0.2186	0.9669	0.1465	1.4598	0.3676	2.4350	0.0507
SEX	-0.3345	0.0086	-0.1322	0.0252	-0.1198	0.0162	-0.2443	0.0435	-0.2930	0.0052
DI	0.1040	0.0182	0.1180	0.0406	-0.0070	0.0271	-0.0629	0.1099	0.1689	0.0104
OP	-0.3019	0.0103	0.2304	0.0498	-0.0529	0.0308	-0.2491	0.0836	0.2396	0.0074
CA	1.0701	0.0137	0.9455	0.0430	0.7369	0.0237	0.8208	0.1094	1.1744	0.0070
LV	0.6490	0.0482	1.2631	0.1042	0.9764	0.0597	1.1583	0.2114	1.4285	0.0192
RN	0.8493	0.0215	-0.0693	0.0369	0.7499	0.0313	1.1097	0.1679	1.0659	0.0115
CE	0.0284	0.0187	-0.0107	0.0758	-0.3244	0.0425	-0.4878	0.1103	0.0186	0.0146
HY	-0.2986	0.0327	-0.3446	0.0479	-0.3185	0.0673	-0.1716	0.1790	-0.2222	0.0186
CV	0.3876	0.0086	0.6419	0.0259	0.5171	0.0175	0.5752	0.0469	0.6601	0.0053
PH1	0.6818	0.0105	0.3766	0.0300	0.5626	0.0199	0.1086	0.0694	0.9182	0.0069
PH2	0.9608	0.0192	0.6510	0.0520	0.7310	0.0368	0.3808	0.1633	1.3266	0.0137
PH3M	1.2271	0.0338	1.0370	0.0839	0.9597	0.0658	0.9237	0.3318	1.6233	0.0251
PU1	0.5299	0.0114	0.3242	0.0317	0.4128	0.0199	0.2128	0.0718	0.4829	0.0064
PU2	0.8180	0.0227	0.4157	0.0577	0.6202	0.0363	0.4006	0.1684	0.7516	0.0109
PU3M	1.0552	0.0378	0.7940	0.0869	0.7960	0.0558	0.8103	0.3126	0.7356	0.0146
TRIN	0.1327	0.0419	0.1808	0.0533	0.4457	0.0721	-0.1722	0.1057	0.4225	0.0173
PL1	0.2341	0.0135	0.1925	0.0355	0.1490	0.0235	-0.0263	0.0720	0.1152	0.0078
PL2	0.2659	0.0337	0.3193	0.0797	0.2329	0.0566	-0.2338	0.1915	0.1074	0.0187
PL3M	0.2878	0.0754	0.4619	0.1810	0.2501	0.1322	0.2520	0.3722	0.0855	0.0407
TOTAL NUM.	339,986		33,325		77,856		11,777		2,200,419	
DEATHS	87,977		12,531		27,664		3,306		187,048	
MODEL CHI-SQ	38,547		6,125		6,964		621		144,234	

Table 3

1986
Parameter Estimates

Conditions:

CA - Cancer
CE - Cerebrovascular accidents
EY - Neuropsychiatric and sensory disease
GC - Gastrintestinal catastrophes
GI - Gastrointestinal disease
GU - Urologic disease
GY - Gynecologic disease
HL - Low-risk heart disease
HM - Severe chronic heart disease
HS - Severe acute heart disease
ME - Metabolic/electrolyte disturbances
OP - Muskuloskeletal and cutaneous conditions
PN - Pulmonary disease
RN - Renal failure
SE - Infectious disease
TR - Severe trauma
UN - All other conditions

Table 3.1

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL
APPLIED TO THE LAST DISCHARGES FOR 1986

CONDITIONS	CA		CE		EY		GC		GI		GU	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
INTERCEPT	-0.6935	0.1711	1.2702	0.2119	-5.0334	0.2787	-2.4782	0.2041	-4.6046	0.2977	-4.9166	0.4960
RAG	-2.0718	0.3060	-6.6604	0.3596	-2.0634	0.5218	-0.1881	0.3780	-3.7139	0.5078	-5.3277	0.8391
RAGSQ	1.5499	0.1373	3.7428	0.1522	2.4025	0.2450	1.1097	0.1769	3.4668	0.2170	4.5152	0.3568
SEX	-0.2593	0.0092	-0.0565	0.0099	-0.6174	0.0289	-0.1210	0.0201	-0.0971	0.0185	0.4567	0.0341
DI	-0.0272	0.0262	0.0901	0.0168	0.1705	0.0602	-0.1277	0.0430	0.3501	0.0402	0.3537	0.0657
OP	-0.1000	0.0144	0.1143	0.0191	0.3318	0.0449	0.0242	0.0366	0.2072	0.0296	0.3862	0.0496
CA	0.5851	0.0092	0.8364	0.0258	1.8688	0.0467	1.0402	0.0349	1.5772	0.0309	1.3949	0.0443
LV	1.2564	0.0407	0.9586	0.0740	1.1024	0.0990	0.8965	0.0259	1.2942	0.0551	1.4362	0.1772
RN	1.0298	0.0361	0.9586	0.0318	1.5581	0.0702	0.6505	0.0412	1.6787	0.0420	1.4506	0.0577
CE	-0.0221	0.0400	-0.6970	0.0305	0.3764	0.0591	-0.4242	0.0824	0.0921	0.0657	0.4479	0.0916
HY	-0.3215	0.0467	-0.0427	0.0218	-0.1194	0.1018	-0.1737	0.0736	-0.1337	0.0618	-0.0633	0.1163
CV	0.3175	0.0118	0.3192	0.0097	0.7138	0.0305	0.5685	0.0226	0.7724	0.0188	0.8915	0.0318
PH1	0.8905	0.0108	0.4851	0.0147	1.1647	0.0401	0.5078	0.0264	1.0110	0.0263	1.0662	0.0423
PH2	1.3003	0.0186	0.8945	0.0343	1.5354	0.0800	0.5598	0.0463	1.4630	0.0545	1.6150	0.0845
PH3M	1.5546	0.0307	1.2319	0.0715	2.1298	0.1384	0.7163	0.0638	1.9491	0.0945	1.9744	0.1628
PU1	0.4014	0.0125	0.3670	0.0161	0.5563	0.0395	0.2703	0.0267	0.5007	0.0252	0.7208	0.0389
PU2	0.7303	0.0237	0.6878	0.0381	1.0727	0.0727	0.4299	0.0509	0.8482	0.0498	1.0602	0.0766
PU3M	0.7999	0.0287	0.9325	0.0753	1.3039	0.1118	0.4267	0.0799	1.2691	0.0786	1.5561	0.1256
TRIN	-0.2505	0.0292	-0.1440	0.0353	0.6729	0.1012	0.3272	0.0622	0.6357	0.0736	0.2013	0.1316
PL1	0.1639	0.0158	0.1246	0.0157	0.1131	0.0377	0.1974	0.0297	0.2120	0.0248	0.2379	0.0404
PL2	0.2254	0.0418	0.2646	0.0388	0.1614	0.0778	0.3439	0.0705	0.2968	0.0537	0.4307	0.0839
PL3M	0.1770	0.0989	0.2803	0.0871	-0.1251	0.1570	0.3168	0.1550	0.4594	0.0995	0.4725	0.1783
TOTAL NUM	222,229		238,401		270,607		52,534		461,326		271,619	
DEATHS	93,522		64,594		5,542		18,040		13,703		4,922	
MODEL CHISQ	25,026		12,188		7,273		5,175		16,023		8,032	

Table 3.2

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL APPLIED TO THE LAST DISCHARGES FOR 1986

CONDITIONS	GY		HL		HM		HS		ME		OP	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
INTERCEPT	-6.0902	1.4498	-3.4160	0.2212	-1.6133	0.1692	-0.5198	0.1701	-2.5712	0.2549	-3.7309	0.2242
RAG	-5.5378	2.5669	-4.2268	0.3845	-2.4500	0.2892	-3.1937	0.2987	-1.1829	0.4326	-5.0932	0.3922
RAGSQ	4.7783	1.1535	3.1875	0.1673	2.0516	0.1233	2.5477	0.1310	1.5576	0.1840	3.9324	0.1723
SEX			-0.3070	0.0130	-0.2495	0.0092	-0.0478	0.0087	-0.4780	0.0163	-0.4855	0.0193
DI	0.1866	0.3101	0.2941	0.0250	-0.0197	0.0160	0.1450	0.0158	0.0318	0.0342	0.3539	0.0365
OP	0.5395	0.2405	0.1872	0.0207	0.0077	0.0120	-0.1629	0.0144	0.0252	0.0287	0.3840	0.0315
CA	2.2193	0.1759	1.4997	0.0255	0.8415	0.0212	0.6057	0.0259	1.6491	0.0208	1.9165	0.0288
LV	1.6894	0.6300	1.1551	0.0807	0.8547	0.0438	1.1809	0.0751	0.9253	0.0716	1.5156	0.0806
RN	2.6680	0.2904	1.2739	0.0302	0.7806	0.0164	0.8464	0.0253	0.6618	0.0312	1.6090	0.0468
CE	0.9116	0.3657	0.0700	0.0454	-0.1465	0.0332	-0.4865	0.0385	-0.2090	0.0328	0.2731	0.0516
HY	-0.5363	0.5140	-0.1274	0.0348	-0.3400	0.0270	-0.3097	0.0243	-0.2524	0.0613	0.0238	0.0638
CV	1.3407	0.1327	0.5839	0.0133	0.1184	0.0092	0.2506	0.0090	0.6640	0.0177	1.0189	0.0195
PH1	1.0216	0.2113	0.9189	0.0161	0.6290	0.0106	0.4733	0.0130	0.5411	0.0194	0.9992	0.0292
PH2	1.6429	0.5046	1.4469	0.0310	0.9750	0.0166	0.8402	0.0282	0.8648	0.0347	1.5330	0.0602
PH3M			1.9382	0.0537	1.2485	0.0234	1.2165	0.0565	0.9935	0.0616	2.0814	0.1047
PU1	1.1173	0.1706	0.4277	0.0188	0.3470	0.0128	0.3501	0.0151	0.3306	0.0202	0.5565	0.0273
PU2	2.1093	0.2979	0.8318	0.0382	0.5611	0.0267	0.6626	0.0353	0.5036	0.0384	0.9047	0.0549
PU3M	2.2081	0.6138	0.9628	0.0702	0.7711	0.0481	0.9840	0.0650	0.6713	0.0572	1.3180	0.0858
TRIN	0.9013	0.7009	0.7265	0.0258	0.5468	0.0377	-0.3246	0.0243	0.2211	0.1395	0.7031	0.0868
PL1	0.4276	0.1768	0.1796	0.0160	0.1214	0.0133	0.1137	0.0136	0.0428	0.0233	0.0564	0.0266
PL2	0.9956	0.3936	0.2855	0.0294	0.1428	0.0298	0.2299	0.0313	0.0182	0.0546	0.1999	0.0587
PL3M	0.2168	1.1080	0.4296	0.0471	0.1918	0.0573	0.2938	0.0630	-0.2231	0.1276	0.3776	0.1113
TOTAL NUM	60,709		806,069		306,819		252,802		106,268		598,973	
DEATHS	292		27,612		71,429		98,629		25,226		12,993	
MODEL CHISQ	742		21,313		20,525		15,388		15,173		18,431	

Table 3.3

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL APPLIED TO THE LAST DISCHARGES FOR 1986

CONDITIONS	PN		RN		SE		TR		UN	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
INTERCEPT	-2.4297	0.1257	-5.3676	0.2513	-1.9628	0.1900	-1.2194	0.4088	-3.6987	0.0657
RAG	-1.6417	0.2157	4.0378	0.4657	-0.8787	0.3385	-1.6280	0.7616	-2.1326	0.1156
RAGSQ	1.9832	0.0927	-0.1729	0.2153	1.3268	0.1517	1.5136	0.3558	2.3068	0.0511
SEX	-0.3399	0.0087	-0.1521	0.0249	-0.1357	0.0166	-0.2379	0.0439	-0.3210	0.0051
DI	0.0955	0.0189	0.1173	0.0406	-0.0102	0.0289	0.1980	0.1100	0.1557	0.0107
OP	-0.3001	0.0106	0.1944	0.0515	-0.0513	0.0332	-0.3725	0.0878	0.2494	0.0076
CA	1.0634	0.0142	1.0241	0.0434	0.7422	0.0249	1.1083	0.1114	1.1908	0.0069
LV	0.8483	0.0480	1.5236	0.1083	0.9560	0.0634	1.1229	0.2031	1.4421	0.0190
RN	0.9741	0.0217	-0.0975	0.0366	0.8834	0.0323	1.1905	0.1593	1.0938	0.0116
CE	0.0463	0.0197	-0.1517	0.0812	-0.2689	0.0439	-0.9687	0.1333	0.0093	0.0150
HY	-0.3062	0.0315	-0.4059	0.0461	-0.3765	0.0692	-0.5217	0.1900	-0.2185	0.0183
CV	0.3822	0.0087	0.6109	0.0257	0.5128	0.0183	0.5865	0.0477	0.6784	0.0053
PH1	0.7077	0.0107	0.3839	0.0296	0.5894	0.0203	0.0373	0.0718	0.8865	0.0069
PH2	1.0172	0.0193	0.6771	0.0504	0.7663	0.0367	0.4404	0.1499	1.3351	0.0135
PH3M	1.2355	0.0334	0.8575	0.0795	1.0428	0.0657	0.7899	0.3126	1.6613	0.0244
PU1	0.5472	0.0115	0.3206	0.0310	0.3753	0.0205	0.1126	0.0720	0.4908	0.0063
PU2	0.8525	0.0231	0.6637	0.0561	0.6278	0.0369	0.2373	0.1725	0.8060	0.0106
PU3M	1.0659	0.0374	0.7923	0.0922	0.8401	0.0550	0.8693	0.2744	0.8532	0.0140
TRIN	0.1941	0.0435	0.1664	0.0511	0.4250	0.0740	-0.1804	0.1057	0.4715	0.0173
PL1	0.2260	0.0135	0.1230	0.0347	0.1273	0.0238	-0.0378	0.0724	0.1093	0.0077
PL2	0.1862	0.0334	0.4177	0.0799	0.2285	0.0558	0.3079	0.1735	0.1382	0.0181
PL3M	0.3574	0.0720	0.6154	0.1578	0.4217	0.1292	-0.6078	0.4822	0.0787	0.0385
TOTAL NUM	338,897		34,173		73,283		11,730		2,229,542	
DEATHS	86,566		13,299		26,783		3,326		190,843	
MODEL CHISQ	40,378		6,793		7,093		688		150,640	

Table 4

Comparison
of 1986 and 1987
Parameter Estimates

Table 4.1

Diagnostic Category: Cancer(CA)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-0.694	-0.959
RAG	1.134	-2.072	-1.633
RAGSQ	1.286	1.550	1.350
SEX	0.487	-0.259	-0.240
DI	0.034	-0.027	-0.102
OP	0.126	-0.100	-0.056
CA	0.485	0.585	0.577
LV	0.014	1.256	1.357
RN	0.018	1.030	1.047
CE	0.014	-0.022	-0.063
HY	0.010	-0.321	-0.368
CV	0.191	0.318	0.352
PH1	0.221	0.890	0.905
PH2	0.060	1.300	1.311
PH3M	0.021	1.555	1.559
PU1	0.150	0.401	0.422
PU2	0.038	0.730	0.672
PU3M	0.260	0.800	0.800
TRIN	0.025	-0.251	-0.263
PL1	0.087	0.164	0.157
PL2	0.011	0.225	0.177
PL3M	0.002	0.177	0.127
TOTAL CASES		222,229	216,565
DEATHS		93,522	89,692
Mortality	Average Case	45.1%	44.9%
	Observed	42.1%	41.4%
Interhospital Variance		0.00137	0.00130
MODEL CHISQ		25,026	23,809

Table 4.2

Diagnostic Category: CEREBROVASCULAR ACCIDENTS(CE)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	1.270	1.200
RAG	1.192	-6.660	-6.615
RAGSQ	1.422	3.743	3.712
SEX	0.582	-0.057	-0.048
DI	0.093	0.090	0.102
OP	0.070	0.114	0.128
CA	0.300	0.836	0.810
LV	0.003	0.959	0.967
RN	0.019	0.959	0.880
CE	0.038	-0.697	-0.628
HY	0.048	-0.043	-0.078
CV	0.382	0.319	0.353
PH1	0.107	0.485	0.467
PH2	0.015	0.895	0.840
PH3M	0.003	1.232	1.220
PU1	0.081	0.367	0.381
PU2	0.011	0.688	0.659
PU3M	0.003	0.932	0.708
TRIN	0.018	-0.144	-0.047
PL1	0.093	0.125	0.121
PL2	0.012	0.265	0.176
PL3M	0.002	0.280	0.363
TOTAL CASES		238,401	240,896
DEATHS		64,594	63,407
Mortality	Average Case	29.3%	28.3%
	Observed	27.1%	26.3%
Interhospital Variance		0.00044	0.00039
MODEL CHISQ		12,188	11,842

Table 4.3

Diagnostic Category: NEUROPSYCHIATRIC/SENSORY(EY)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-5.033	-5.281
RAG	1.069	-2.063	-1.561
RAGSQ	1.143	2.402	2.230
SEX	0.580	-0.617	-0.575
DI	0.052	0.171	0.176
OP	0.074	0.332	0.356
CA	0.020	1.869	1.933
LV	0.011	1.102	0.890
RN	0.011	1.558	1.616
CE	0.052	0.376	0.207
HY	0.017	-0.119	-0.042
CV	0.177	0.714	0.680
PH1	0.042	1.165	1.017
PH2	0.006	1.535	1.696
PH3M	0.001	2.130	1.933
PU1	0.081	0.556	0.542
PU2	0.012	1.073	0.950
PU3M	0.004	1.304	1.473
TRIN	0.008	0.673	0.517
PL1	0.146	0.113	0.146
PL2	0.029	0.161	0.141
PL3M	0.009	-0.125	0.070
TOTAL CASES		270,607	245,185
DEATHS		5,542	5,633
Mortality	**Average Case**	1.14%	1.27%
	Observed	2.05%	2.30%
Interhospital Variance		0.00005	0.00006
MODEL CHISQ		7,273	7,524

Table 4.4

Diagnostic Category: GASTROINTESTINAL CATASTROPHES(GC)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-2.478	-2.309
RAG	1.124	-0.188	-0.470
RAGSQ	1.263	1.110	1.233
SEX	0.544	-0.121	-0.118
DI	0.061	-0.128	-0.164
OP	0.081	0.024	0.005
CA	0.083	1.040	1.067
LV	0.175	0.896	0.909
RN	0.062	0.651	0.680
CE	0.017	-0.424	-0.507
HY	0.019	-0.174	-0.304
CV	0.249	0.568	0.571
PH1	0.154	0.508	0.443
PH2	0.043	0.560	0.591
PH3M	0.02	0.716	0.575
PU1	0.155	0.270	0.292
PU2	0.034	0.430	0.490
PU3M	0.013	0.427	0.520
TRIN	0.022	0.327	0.313
PL1	0.112	0.197	0.143
PL2	0.017	0.344	0.174
PL3M	0.003	0.317	0.145
TOTAL CASES		52,534	52,907
DEATHS		18,040	18,329
Mortality	Average Case	32.5%	32.4%
	Observed	34.3%	34.6%
Interhospital Variance		0.00232	0.00229
MODEL CHISQ		5,175	5,215

Table 4.5

Diagnostic Category: GASTROINTESTINAL DISEASE(GI)

		Coefficients	
Names	1987 Average Case	1986	1987
INTERCEPT	1	-4.605	-3.563
RAG	1.127	-3.714	-5.535
RAGSQ	1.270	3.467	4.257
SEX	0.558	-0.097	-0.124
DI	0.045	0.350	0.268
OP	0.093	0.207	0.246
CA	0.026	1.577	1.640
LV	0.013	1.294	1.373
RN	0.013	1.679	1.490
CE	0.016	0.092	0.097
HY	0.021	-0.134	-0.148
CV	0.228	0.772	0.771
PH1	0.046	1.011	1.007
PH2	0.006	1.463	1.458
PH3M	0.001	1.949	1.872
PU1	0.087	0.501	0.526
PU2	0.013	0.848	0.999
PU3M	0.003	1.269	1.067
TRIN	0.006	0.636	0.670
PL1	0.117	0.212	0.218
PL2	0.018	0.297	0.380
PL3M	0.004	0.459	0.297
TOTAL CASES		461,326	451,765
DEATHS		13,703	13,776
Mortality	Average Case	1.8%	1.8%
	Observed	3.0%	3.0%
Interhospital Variance		0.00004	0.00004
MODEL CHISQ		16,023	16,232

Table 4.6

Diagnostic Category: UROLOGIC DISEASE(GU)			
VARIABLES		**Coefficients**	
		1986	**1987**
Names	1987 Average Case		
INTERCEPT	1	-4.917	-4.723
RAG	1.120	-5.328	-5.528
RAGSQ	1.254	4.515	4.469
SEX	0.157	0.457	0.593
DI	0.039	0.354	0.454
OP	0.080	0.386	0.149
CA	0.038	1.395	1.430
LV	0.002	1.436	1.422
RN	0.017	1.451	1.473
CE	0.013	0.448	0.586
HY	0.015	-0.063	-0.012
CV	0.175	0.892	0.933
PH1	0.040	1.066	1.152
PH2	0.005	1.615	1.599
PH3M	0.000	1.974	0.000
PU1	0.078	0.721	0.636
PU2	0.011	1.060	1.087
PU3M	0.003	1.556	1.589
TRIN	0.006	0.201	0.646
PL1	0.119	0.238	0.165
PL2	0.017	0.431	0.491
PL3M	0.004	0.473	0.834
TOTAL CASES		**271,619**	**277,784**
DEATHS		**4,922**	**4,634**
Mortality	**Average Case**	**0.9%**	**0.8%**
	Observed	**1.8%**	**1.7%**
Interhospital Variance		**0.00006**	**0.00005**
MODEL CHISQ		**8,032**	**7,689**

Table 4.7

Diagnostic Category: GYNECOLOGIC DISEASE(GY)			
VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-6.090	-9.179
RAG	1.091	-5.538	
RAGSQ	1.190	4.778	2.312
SEX	1		
DI	0.025	0.187	0.984
OP	0.038	0.540	0.132
CA	0.012	2.219	2.184
LV	0.002	1.689	1.887
RN	0.005	2.668	2.230
CE	0.009	0.912	0.347
HY	0.012	-0.536	0.307
CV	0.096	1.341	1.340
PH1	0.012	1.022	1.681
PH2	0.001	1.643	2.903
PH3M	0		
PU1	0.037	1.117	0.976
PU2	0.004	2.109	1.108
PU3M	0.001	2.208	1.559
TRIN	0.001	0.901	1.358
PL1	0.062	0.428	-0.305
PL2	0.006	0.996	0.626
PL3M	0	0.217	
TOTAL CASES		60,709	61,870
DEATHS		292	273
Mortality	Average Case	0.2%	0.2%
	Observed	0.5%	0.4%
Interhospital Variance		0.00003	0.00003
MODEL CHISQ		742	667

Table 4.8

Diagnostic Category: LOW-RISK HEART DISEASE(HL)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-3.416	-3.165
RAG	1.132	-4.227	-4.678
RAGSQ	1.281	3.188	3.381
SEX	0.550	-0.307	-0.298
DI	0.061	0.294	0.299
OP	0.093	0.187	0.200
CA	0.020	1.500	1.509
LV	0.003	1.155	1.227
RN	0.016	1.274	1.184
CE	0.019	0.070	0.035
HY	0.038	-0.127	-0.170
CV	0.517	0.584	0.544
PH1	0.090	0.919	0.880
PH2	0.012	1.447	1.440
PH3M	0.003	1.938	2.035
PU1	0.078	0.428	0.456
PU2	0.011	0.832	0.861
PU3M	0.003	0.963	1.195
TRIN	0.036	0.726	0.673
PL1	0.171	0.180	0.190
PL2	0.035	0.286	0.255
PL3M	0.011	0.430	0.426
TOTAL CASES		806,069	818,849
DEATHS		27,612	27,786
Mortality	Average Case	2.5%	2.4%
	Observed	3.4%	3.4%
Interhospital Variance		0.00002	0.00002
MODEL CHISQ		21,313	21,104

Table 4.9

Diagnostic Category: SEVERE CHRONIC HEART DISEASE (HM)			
VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-1.613	-1.958
RAG	1.187	-2.450	-1.776
RAGSQ	1.409	2.052	1.735
SEX	0.551	-0.249	-0.237
DI	0.102	-0.020	-0.047
OP	0.187	0.008	0.003
CA	0.034	0.841	0.803
LV	0.008	0.855	0.711
RN	0.066	0.781	0.726
CE	0.020	-0.146	-0.081
HY	0.033	-0.340	-0.399
CV	0.594	0.118	0.080
PH1	0.202	0.629	0.633
PH2	0.061	0.975	0.951
PH3M	0.028	1.249	1.173
PU1	0.121	0.347	0.321
PU2	0.022	0.561	0.532
PU3M	0.006	0.771	0.654
TRIN	0.011	0.547	0.461
PL1	0.118	0.121	0.109
PL2	0.021	0.143	0.122
PL3M	0.005	0.192	0.205
TOTAL CASES		306,819	311,444
DEATHS		71,429	70,762
Mortality	Average Case	21.1%	20.6%
	Observed	23.3%	22.7%
Interhospital Variance		0.00037	0.00032
MODEL CHISQ		20,525	19,097

Table 4.10

Diagnostic Category: SEVERE ACUTE HEART DISEASE(HS)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-0.520	-0.386
RAG	1.156	-3.194	-3.497
RAGSQ	1.336	2.548	2.678
SEX	0.482	-0.048	-0.038
DI	0.083	0.145	0.174
OP	0.108	-0.163	-0.153
CA	0.028	0.606	0.556
LV	0.003	1.181	1.032
RN	0.029	0.846	0.817
CE	0.015	-0.486	-0.504
HY	0.033	-0.310	-0.286
CV	0.675	0.251	0.252
PH1	0.137	0.473	0.426
PH2	0.023	0.840	0.801
PH3M	0.006	1.217	1.172
PU1	0.083	0.350	0.357
PU2	0.013	0.663	0.633
PU3M	0.004	0.984	0.977
TRIN	0.043	-0.325	-0.448
PL1	0.105	0.114	0.110
PL2	0.017	0.230	0.150
PL3M	0.005	0.294	0.372
TOTAL CASES		252,802	246,665
DEATHS		98,629	94,172
Mortality	Average Case	37.7%	36.5%
	Observed	39.0%	38.2%
Interhospital Variance		0.00062	0.00067
MODEL CHISQ		15,388	14,457

Table 4.11

Diagnostic Category: METABOLIC/ELECTROLYTE DISORDERS(ME)			
VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-2.571	-3.205
RAG	1.209	-1.183	0.267
RAGSQ	1.462	1.558	0.835
SEX	0.639	-0.478	-0.430
DI	0.067	0.032	-0.080
OP	0.088	0.025	0.024
CA	0.164	1.649	1.617
LV	0.010	0.925	0.866
RN	0.057	0.662	0.642
CE	0.082	-0.209	-0.264
HY	0.019	-0.252	-0.200
CV	0.249	0.664	0.625
PH1	0.176	0.541	0.544
PH2	0.040	0.865	0.776
PH3M	0.012	0.993	1.018
PU1	0.165	0.331	0.317
PU2	0.036	0.504	0.425
PU3M	0.015	0.671	0.624
TRIN	0.003	0.221	0.326
PL1	0.124	0.043	0.045
PL2	0.019	0.018	0.058
PL3M	0.004	-0.223	-0.116
TOTAL CASES		106,268	105,282
DEATHS		25,226	26,485
Mortality	Average Case	20.8%	21.8%
	Observed	23.7%	25.2%
Interhospital Variance		0.00206	0.00216
MODEL CHISQ		15,173	14,966

Table 4.12

Diagnostic Category: MUSCULOSKELETAL/SKIN CONDITIONS(OP)			
VARIABLES		**Coefficients**	
		1986	**1987**
Names	1987 Average Case		
INTERCEPT	1	-3.731	-3.313
RAG	1.121	-5.093	-5.814
RAGSQ	1.257	3.932	4.244
SEX	0.666	-0.485	-0.469
DI	0.059	0.354	0.366
OP	0.066	0.384	0.463
CA	0.024	1.916	1.885
LV	0.004	1.516	1.573
RN	0.010	1.609	1.641
CE	0.023	0.273	0.295
HY	0.017	0.024	0.046
CV	0.170	1.019	0.985
PH1	0.031	0.999	1.058
PH2	0.004	1.533	1.447
PH3M	0.001	2.081	2.187
PU1	0.066	0.557	0.494
PU2	0.009	0.905	0.970
PU3M	0.003	1.318	1.433
TRIN	0.004	0.703	0.866
PL1	0.123	0.056	0.041
PL2	0.018	0.200	0.086
PL3M	0.004	0.378	-0.007
TOTAL CASES		**598,973**	**585,696**
DEATHS		**12,993**	**13,186**
Mortality	**Average Case**	**1.2%**	**1.2%**
	Observed	**2.2%**	**2.3%**
Interhospital Variance		**0.00003**	**0.00004**
MODEL CHISQ		**18,431**	**18,616**

Table 4.13

Diagnostic Category: PULMONARY DISEASE (PN)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-2.430	-2.601
RAG	1.191	-1.642	-1.152
RAGSQ	1.418	1.983	1.708
SEX	0.509	-0.340	-0.335
DI	0.055	0.096	0.104
OP	0.261	-0.300	-0.302
CA	0.084	1.063	1.070
LV	0.007	0.848	0.649
RN	0.031	0.974	0.849
CE	0.051	0.046	0.028
HY	0.020	-0.306	-0.299
CV	0.386	0.382	0.388
PH1	0.162	0.708	0.682
PH2	0.038	1.017	0.961
PH3M	0.012	1.235	1.227
PU1	0.134	0.547	0.530
PU2	0.028	0.852	0.818
PU3M	0.010	1.066	1.055
TRIN	0.008	0.194	0.133
PL1	0.095	0.226	0.234
PL2	0.014	0.186	0.266
PL3M	0.003	0.357	0.288
TOTAL CASES		338,897	339,986
DEATHS		86,566	87,977
Mortality	Average Case	22.3%	22.6%
	Observed	25.5%	25.9%
Interhospital Variance		0.00078	0.00072
MODEL CHISQ		40,378	38,547

Table 4.14

Diagnostic Category: RENAL FAILURE(RN)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-5.368	-4.716
RAG	1.112	4.038	2.488
RAGSQ	1.237	-0.173	0.572
SEX	0.493	-0.152	-0.132
DI	0.117	0.117	0.118
OP	0.061	0.194	0.230
CA	0.087	1.024	0.946
LV	0.014	1.524	1.263
RN	0.137	-0.097	-0.069
CE	0.026	-0.152	-0.011
HY	0.088	-0.406	-0.345
CV	0.349	0.611	0.642
PH1	0.224	0.384	0.377
PH2	0.058	0.677	0.651
PH3M	0.022	0.857	1.037
PU1	0.189	0.321	0.324
PU2	0.049	0.664	0.416
PU3M	0.021	0.792	0.794
TRIN	0.054	0.166	0.181
PL1	0.135	0.123	0.192
PL2	0.023	0.418	0.319
PL3M	0.004	0.615	0.462
TOTAL CASES		34,173	33,325
DEATHS		13,299	12,531
Mortality	Average Case	35.9%	33.0%
	Observed	38.9%	37.6%
Interhospital Variance		0.01353	0.01217
MODEL CHISQ		6,793	6,125

Table 4.15

Diagnostic Category: INFECTIOUS DISEASE(SE)			
VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-1.963	-2.265
RAG	1.185	-0.879	-0.228
RAGSQ	1.404	1.327	0.967
SEX	0.578	-0.136	-0.120
DI	0.098	-0.010	-0.007
OP	0.073	-0.051	-0.053
CA	0.128	0.742	0.737
LV	0.016	0.956	0.976
RN	0.065	0.883	0.750
CE	0.041	-0.269	-0.324
HY	0.016	-0.376	-0.318
CV	0.267	0.513	0.517
PH1	0.184	0.589	0.563
PH2	0.045	0.766	0.731
PH3M	0.014	1.043	0.960
PU1	0.183	0.375	0.413
PU2	0.046	0.628	0.620
PU3M	0.019	0.840	0.796
TRIN	0.011	0.425	0.446
PL1	0.124	0.127	0.149
PL2	0.019	0.229	0.233
PL3M	0.003	0.422	0.250
TOTAL CASES		73,283	77,856
DEATHS		26,783	27,664
Mortality	Average Case	34.5%	33.7%
	Observed	36.5%	35.5%
Interhospital Variance		0.00195	0.00168
MODEL CHISQ		7,093	6,964

Table 4.16

Diagnostic Category: SEVERE TRAUMA(TR)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-1.219	-1.498
RAG	1.161	-1.628	-1.358
RAGSQ	1.348	1.514	1.460
SEX	0.479	-0.238	-0.244
DI	0.039	0.198	-0.063
OP	0.075	-0.372	-0.249
CA	0.033	1.108	0.821
LV	0.008	1.123	1.158
RN	0.013	1.190	1.110
CE	0.048	-0.969	-0.488
HY	0.015	-0.522	-0.172
CV	0.246	0.586	0.575
PH1	0.119	0.037	0.109
PH2	0.015	0.440	0.381
PH3M	0.003	0.790	0.924
PU1	0.092	0.113	0.213
PU2	0.014	0.237	0.401
PU3M	0.004	0.869	0.810
TRIN	0.051	-0.180	-0.172
PL1	0.096	-0.038	-0.026
PL2	0.013	0.308	-0.234
PL3M	0.003	-0.608	0.252
TOTAL CASES		11,730	11,777
DEATHS		3,326	3,306
Mortality	Average Case	26.3%	26.1%
	Observed	28.4%	28.1%
Interhospital Variance		0.00348	0.00303
MODEL CHISQ		688	621

Table 4.17

Diagnostic Category: ALL OTHER DISEASES (UN)			
VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-3.699	-3.526
RAG	1.136	-2.133	-2.457
RAGSQ	1.290	2.307	2.435
SEX	0.581	-0.321	-0.293
DI	0.061	0.156	0.169
OP	0.122	0.249	0.240
CA	0.086	1.191	1.174
LV	0.008	1.442	1.429
RN	0.028	1.094	1.066
CE	0.032	0.009	0.019
HY	0.022	-0.219	-0.222
CV	0.275	0.678	0.660
PH1	0.081	0.886	0.918
PH2	0.014	1.335	1.327
PH3M	0.004	1.661	1.623
PU1	0.148	0.491	0.483
PU2	0.034	0.806	0.752
PU3M	0.018	0.853	0.736
TRIN	0.012	0.472	0.423
PL1	0.104	0.109	0.115
PL2	0.016	0.138	0.107
PL3M	0.003	0.079	0.086
TOTAL CASES		2,229,542	2,200,419
DEATHS		190,843	187,048
Mortality	Average Case	6.1%	6.0%
	Observed	8.6%	8.5%
Interhospital Variance		0.00008	0.00007
MODEL CHISQ		150,640	144,234

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